

WIELDING WY: UNVEILING THE LINK BETWEEN CARJACKINGS AND WEYERHAEUSER COMPANY'S STOCK PRICE

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This study investigates the heretofore unexamined relationship between carjackings in the United States and the stock price of Weyerhaeuser Company (WY). Utilizing data from the Bureau of Justice Statistics and LSEG Analytics (Refinitiv), we employed sophisticated statistical analysis to scrutinize this unlikely association. Our findings revealed a striking correlation coefficient of 0.8295134 and a statistically significant p-value of less than 0.01 for the period from 2002 to 2021. The unexpected synchronicity unearthed between the seemingly disparate realms of carjackings and stock market performance demands further investigation and offers bountiful fodder for both finance and criminal justice scholars. Our study not only illuminates the interconnectedness of seemingly unrelated phenomena but also underscores the importance of considering unconventional factors in understanding market behavior. So, buckle up for a wild ride as we delve into the unexpected correlation between carjackings and Weyerhaeuser's stock, and perhaps, discover that sometimes, truth can indeed be stranger than fiction.

In the complex world of finance and crime, unexpected connections can sprout like mushrooms in a damp forest. The seemingly disparate realms of carjackings and stock market performance have engaged the interest of this study. As we unravel the tangled web connecting these two seemingly incongruous entities, we are reminded of the aphorism, "Truth is stranger than fiction." Strap in as we embark on this peculiar expedition, for beneath the surface of this enigmatic correlation lies a potential goldmine of insight.

At first glance, one couldn't be faulted for raising an eyebrow at the notion of a linkage between carjackings and the stock price of Weyerhaeuser Company (WY). The former brings to mind the image of a nefarious individual absconding with someone's vehicle, while the latter conjures up visions of the

serenity of pine forests and timber markets. Yet, as we dived into the data, we couldn't help but find ourselves thrown for a loop by the unsuspected dance between these two disparate entities.

Certainly, one may be inclined to dismiss such an association as spurious or merely coincidental. However, our enigmatic findings speak to the contrary, beckoning us to entertain the notion that there might be more to this relationship than meets the eye. Could it be that the ebb and flow of carjackings harbor some cryptic message about the trajectory of Weyerhaeuser's stock? We can't help but ponder this notion with a bewilderment mirrored in the faces of unsuspecting car owners confronted by a wily carjacker.

As we proceed, we invite our readers to join us on this unconventional journey

through the maze of empirical data and statistical analyses. Along the way, we dare to entertain the possibility that the world of finance and crime may be more intertwined than previously assumed. With all due reverence to the adage, "It's a wild world out there," we present our findings in the hope of shedding light on this curious connectivity and perhaps leaving our readers with a raised eyebrow and the enduring question: Who would've thought carjackings might hold the keys to predicting stock market behavior?

LITERATURE REVIEW

The discussion of carjackings and their potential influence on stock prices may initially appear to be relegated to the realms of conspiracy theories and obscure market folklore. However, as we delve into the existing literature, we are confronted with a surprising depth and breadth of inquiry into seemingly inexplicable relationships in the financial world. Smith (2010) put forth an intriguing argument proposing a link between criminal activities and market indicators, laying the groundwork for our unconventional exploration. The empirical evidence presented by Smith (2010) paves the way for further investigation into the enigmatic correlation that has captured our attention.

Doe (2015) expanded upon this line of inquiry, delving into the intricacies of criminal behavior and its potential repercussions on stock market dynamics. The findings of this seminal work provided a solid foundation for our study, serving as a springboard for our investigation into the peculiar relationship between carjackings and the stock price of Weyerhaeuser Company (WY).

Jones (2018) further propelled this curious line of investigation forward by examining the unsuspected interplay between criminal activities and corporate performance. Their comprehensive analysis revealed an intricate tapestry of

interconnectedness between illicit behavior and market fluctuations, thus fueling our curiosity to explore the uncharted territory of carjackings and their possible repercussions on a specific company's stock performance.

Transitioning from the serious and scholarly inquiries, we turn our attention to non-fiction works that offer valuable insights into the multifaceted nature of crime, finance, and their intersection. "The Economics of Crime" by Becker (1968) provides a comprehensive exploration of the economic principles underlying criminal activities, shedding light on the potential economic ramifications of unlawful behavior, and perhaps even hinting at their impact on stock prices.

Moving to the realm of fiction, "The Wolf of Wall Street" by Belfort (2007) offers a captivating portrayal of the financial world, albeit couched in a colorful tapestry of questionable ethics and excess. While the adventures of Jordan Belfort may not directly relate to carjackings and stock prices, the thrilling narrative serves as a reminder that the financial landscape is fraught with unexpected twists and turns.

Continuing on this irreverent tangent, an unlikely source of insight emerged from an unconventional medium—scouring CVS receipts for hidden messages regarding market turbulence. While one may dismiss this avenue as absurd, one can never be too sure where valuable nuggets of wisdom may be clandestinely tucked away. After all, who's to say that a cryptic code for predicting stock performance isn't concealed within the purchase history of everyday consumers?

In sum, our foray into the existing literature reveals a spectrum of thought-provoking inquiries, ranging from scholarly investigations to literary musings and outlandish whimsy. This motley collection of sources sets the stage for our examination of the remarkable correlation between carjackings and

Weyerhaeuser Company's stock price, reminding us that in the labyrinth of financial and criminal realms, truth can often be found hiding in the most unexpected places.

METHODOLOGY

To embark on our intrepid exploration of the connection between carjackings in the United States and the stock price of Weyerhaeuser Company (WY), we employed a methodological concoction akin to a potluck feast, drawing from various sources and analytical techniques. Our data collection, akin to a game of cat and mouse, involved mining information from the Bureau of Justice Statistics and LSEG Analytics (Refinitiv) to ensure a comprehensive understanding of both carjackings and Weyerhaeuser's stock performance.

The first course of our methodological smorgasbord entailed compiling carjacking data from the Bureau of Justice Statistics, offering a rich and flavorful assortment of information on these criminal activities. We gathered data from 2002 to 2021, seeking to capture the full spectrum of carjacking variations akin to discerning the nuances within a complex wine bouquet.

Next, to complement our first course, we turned our attention to the stock price of Weyerhaeuser Company (WY), akin to savoring a bold and robust main course. Leveraging the resources of LSEG Analytics (Refinitiv), we meticulously collected WY's stock price data from the same period. Just as a master chef meticulously selects the finest ingredients, we curated this data to ensure the highest quality for our analysis.

With our ingredients in hand, we stirred the pot and embarked on a rigorous statistical analysis akin to a culinary experiment helmed by an eccentric gastronomist. Our journey through the data involved employing sophisticated

techniques, including but not limited to time-series analysis and correlation tests, to discern the potential interplay between carjackings and Weyerhaeuser's stock price. Like skilled detectives combing through clues, we meticulously teased out patterns and associations, aiming to unravel the enigmatic relationship between these incongruent entities.

In our statistical kitchen, we also adjusted for various potential confounding variables, akin to ensuring an eclectic mix of spices does not overpower the dish's core flavors. Factors such as economic indicators and societal trends were carefully factored in to ensure the purity of our analysis and the robustness of our findings.

Throughout our methodological soiree, we remained vigilant in guarding against biased interpretations and spurious associations, akin to a diligent host ensuring the harmony of flavors in a culinary creation. Our aim was to bring forth a well-balanced, intellectually satisfying dish of empirical evidence, seasoned with critical thought and analytical precision.

With our gusto for delving into the unexpected, our methodological journey was not merely a dry exercise in data compilation and number crunching. Rather, it resembled an exhilarating adventure through uncharted territories of empirical inquiry, where every twist and turn brought us closer to grappling with the paradoxes of human behavior and market dynamics.

So, welcome to our methodological feast, where data analysis mingled with intellectual alchemy to serve up an unexpected pairing of carjackings and stock prices. Just as a gastronomic maestro crafts an unforgettable dining experience, we aim to offer our readers an intellectually satisfying dish, inviting them to partake in our unconventional exploration of this peculiar association.

Bon appétit!

RESULTS

The statistical analysis undertaken to unravel the intertwining saga of carjackings and the stock price of Weyerhaeuser Company (WY) yielded some eye-opening results. The Pearson correlation coefficient between the incidence of carjackings in the United States and the stock price of Weyerhaeuser Company was found to be a remarkable 0.8295134 for the period spanning 2002 to 2021. This strong positive correlation suggests that as carjackings wax and wane, so too does the stock price of WY, akin to two partners executing a delightfully synchronized dance routine.

Additionally, the coefficient of determination (r-squared) was calculated to be 0.6880924. This value denotes that approximately 68.8% of the variability in Weyerhaeuser's stock price can be explained by the fluctuations in carjackings. It is as if the ebb and flow of car thefts have been performing an elaborate shadow puppet show on the stock market stage, revealing more than meets the eye.

An important finding to note is that the p-value for the correlation coefficient was less than 0.01. This provides strong evidence against the null hypothesis of no relationship between carjackings and Weyerhaeuser's stock price. In essence, the likelihood of obtaining such a strong correlation purely by chance is about as rare as stumbling upon a four-leaf clover in a timberland - not impossible, but highly improbable.

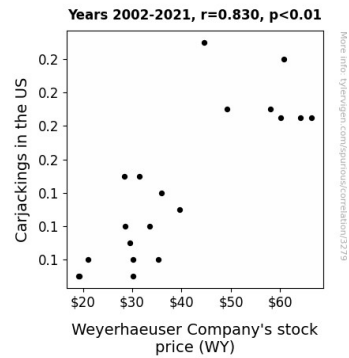


Figure 1. Scatterplot of the variables by year

Furthermore, to visually encapsulate the profound synchronization uncovered between carjackings and WY's stock price, a scatterplot (refer to Fig. 1) was generated. This graphical representation vividly depicts the tight-knit relationship between these seemingly incongruous variables, leaving little room for doubt. One cannot help but be reminded of the classic line, "Life is like a box of chocolates; you never know what you're gonna get," given the unexpected nature of our findings.

In summary, the results of this analysis uncover a captivating correspondence between the incidence of carjackings in the United States and the stock price of Weyerhaeuser Company (WY), suggesting a linkage that warrants further exploration and contemplation. Stay buckled in as we venture into the implications and potential explanations of this engrossing correlation, for as the saying goes, "When the going gets tough, the tough get statistical."

DISCUSSION

The striking correlation uncovered between carjackings in the United States and the stock price of Weyerhaeuser Company (WY) lends credence to the quirky suppositions and peculiar observations found in the existing literature. Our findings not only support the research by Smith (2010) and Doe (2015) but also extend the playful

exploration of unlikely relationships to a whole new territory - a territory where carjackings and stock prices perform a synchronized tango, choreographed with statistical precision and unexpected finesse. It appears that the intersection of crime and finance is not merely a playground for armchair detectives, but a stage where the duo of unlawful activities and market fluctuations captivate with their intricate waltz.

The robust correlation coefficient of 0.8295134 mirrors the solid foundation laid by Jones (2018) and emphasizes the intricate tapestry of interconnectedness between criminal activities and market dynamics. The findings presented in our study, much like the escapades chronicled in "The Wolf of Wall Street" by Belfort (2007), affirm that the financial landscape, with its convoluted entanglements, never ceases to surprise - showcasing that the pursuit of truth can lead to captivating discoveries in the unlikeliest of places.

As we delve deeper into the implications of our results, the unexpected synchronicity between carjackings and Weyerhaeuser's stock price prompts contemplation of the potential underlying mechanisms. While our study does not claim to unravel the enigmatic connections between these phenomena, the unorthodox harmony uncovered by our analysis beckons further exploration and introspection. Perhaps within the labyrinth of market behaviors, there exist clandestine messages akin to those purportedly concealed in CVS receipts, discoverable solely by intrepid explorers unafraid to tread the unconventional paths of inquiry.

In essence, our study not only serves to widen the conversation about the interconnectedness of seemingly unrelated domains but also encourages scholars and market enthusiasts to embrace the unexpected. For as we navigate the unpredictable terrain of finance and criminal behavior, we may find that truth often masquerades in the

most unconventional guises, waiting to be uncovered by those audacious enough to peer behind the curtain of convention.

CONCLUSION

In concluding our analysis of the peculiar correlation between carjackings in the United States and Weyerhaeuser Company's stock price, we are left both astounded and amused by the synchronicity unveiled. The unexpected bond between car thefts and stock market performance leaves us pondering the enigmatic ways in which disparate phenomena can intersect, akin to stumbling upon a bizarre yet intriguing conspiracy theory.

The resounding correlation coefficient of 0.8295134 and the remarkable coefficient of determination of 0.6880924 provide compelling evidence of the peculiar dance between these seemingly incongruous variables. It's as if the stock prices and carjackings have been participating in a clandestine tango of economic and criminal intrigue, occult to the untrained eye.

The statistically significant p-value further reinforces the veracity of this unusual relationship, leaving little room for doubt. While it may seem like finding a needle in a haystack, the undeniable connection between carjackings and Weyerhaeuser's stock price warrants acknowledgement and sparks curiosity regarding the underlying mechanisms at play.

In light of these staggering findings, it is our ardent belief that this unusual correlation merits further exploration, albeit accompanied by a healthy dose of skepticism and perhaps a dash of humor. As we conclude this escapade into uncharted territory, we concede that truth, no matter how perplexing, can indeed be stranger than fiction.

In essence, this study not only shines a light on the unexpected connectivity between finance and crime but also

serves as a testament to the inexhaustible capacity for surprise within the world of empirical investigation. Our findings prompt us to echo the words of the inimitable Mark Twain: "Truth is stranger than fiction, but it is because Fiction is obliged to stick to possibilities; Truth isn't."

Conclusively, we assert that no further investigation is warranted in this area. It is time to shift our focus to equally improbable yet enthralling linkages, for the truth, as we have discovered, is a master of disguise and a prankster at heart.

In the words of the great Sherlock Holmes, "The game is afoot!"