



Review

Rest in Stocks: An Examination of the Relationship Between Funeral Attendance in Georgia and Halliburton Company's Stock Price

Colton Harris, Alexander Thompson, Grace P Tucker

Center for the Advancement of Research

This paper investigates the peculiar yet morbidly intriguing connection between the number of funeral attendants in Georgia and the stock price of Halliburton Company (HAL). We employed data from the Bureau of Labor Statistics and LSEG Analytics (Refinitiv) to conduct our analysis, spanning from the years 2003 to 2022. Our findings revealed a substantial correlation coefficient of 0.8254739 and a p-value less than 0.01, indicating a statistically significant relationship. While this correlation may seem cryptic and funeral, our results indicate a rather spirited connection that cannot be simply buried. Our research offers a lighthearted yet thought-provoking foundation for further exploration into the immeasurable influence of seemingly unrelated factors on stock performance.

In the world of financial research, uncovering unexpected and curious correlations can lead to unique insights and even the occasional eyebrow raise. Our study delves into the enigmatic world of finance, where the macabre and the mundane collide in an unusual dance of data. Specifically, we endeavor to explore the connection between the number of funeral attendants in Georgia and the stock price of Halliburton Company (HAL).

While on the surface, funeral attendance and stock prices may appear about as related as a giraffe and a beach ball, our preliminary

analysis hints at a surprisingly close relationship. Embracing gallows humor and a spirit of inquiry, we set out to shed light on this curious link and, perhaps, unearth some buried truths.

As authors, we admit to initially approaching this topic with a mix of skepticism and morbid curiosity, pondering the likelihood of a connection that could potentially rock the financial world to its core. Nonetheless, armed with data from the Bureau of Labor Statistics and LSEG Analytics (Refinitiv), we embarked on our investigation spanning nearly two decades,

eager to dig into the numbers and exhume any significant findings.

In this paper, we will present the methods employed in our analysis, explore the results that have emerged from the crypt, and offer a tenuous yet tantalizing theory on how funeral attendance in the Peach State may have an unexpected influence on the performance of Halliburton's stock. While we approach our subject with the elegance and gravitas of a solemn funeral dirge, we also invite readers to join us in recognizing the quirks and levity that can be found in the most unexpected places within the world of financial research. After all, there's nothing wrong with a little deathly whimsy when sifting through stock market data, is there?

Prior research

In "Smith et al.," the authors find a significant positive correlation between funeral attendance and stock market performance, hinting at the possibility of unexpected influence lurking within the solemn halls of financial analysis. Building upon this, "Doe, Jones, and Co." delve into the intriguing realm of unorthodox correlations, deliriously dancing betwixt the somber nature of funerals and the ebbs and flows of stock prices.

Expanding beyond the traditional finance literature, "The Funeral Parlor's Guide to Market Analysis" by Mortimer Grave discusses the potential impact of funerary proceedings on stock prices, offering a cryptic yet whimsically insightful take on the matter. In a similar vein, "Dust to Dust: A Financial Analysis of Mourning" by Anne Undertaker delves into the shadowy undercurrents of burial practices and their

potential resonance within the labyrinthine corridors of stock market dynamics.

Transitioning into more fictitious realms, "The Haunting of Wall Street" by Eerie McCreepy and "Ghostly Gains: Paranormal Portfolios" by Spooky McBoo may not be grounded in empirical research, but their eerie titles certainly evoke the spirit of our investigation – pun completely intended.

Not to be outdone, childhood influences also play a role in shaping our perspective. From the spooky mysteries of "Scooby-Doo: Where Are You!" to the existential musings of "Courage the Cowardly Dog," our early encounters with the macabre have instilled in us a fascination with the unexplained and a readiness to embrace the unexpected, even within the realm of financial analysis.

In summary, while the connection between funeral attendance in Georgia and Halliburton's stock price may seem like a ghastly pairing on the surface, we find ourselves in a position to unravel this unconventional correlation with a mix of scholarly rigor and a dash of humor. Our exploration aims to shed light on the curiosities that lie buried within the numbers and to carve out a tombstone for the unexpected in the annals of financial research.

Approach

To uncover the mysterious link between funeral attendance in Georgia and Halliburton Company's stock price, our research team employed a series of methodological acrobatics that could only be described as a financial waltz with a ghostly partner. Our first step involved summoning data from the Bureau of Labor Statistics and

LSEG Analytics (Refinitiv), where we gathered information from the depths of the internet, much like intrepid explorers on a quest for buried treasure.

The gathered data spanned the years 2003 to 2022, allowing us to cast a wide net over a significant period, reminiscent of a deep-sea fishing expedition, but with spreadsheets instead of fishing rods. This extended timeframe enabled us to capture any eerie correlations that may have been lurking in the financial undercurrents, much like spectral whispers from beyond the grave.

In our analysis, we harnessed the power of statistical tools and quantitative techniques, weaving together mathematical models and advanced algorithms like a magical spell to unmask the ethereal connection between funeral attendance and stock prices. Our mathematical incantations sought to reveal any otherworldly patterns hidden within the data, akin to deciphering cryptic messages from the financial afterlife.

To illuminate the potential influence of funeral attendance on Halliburton's stock price, we engaged in a spectral regression analysis that peered through the misty veil of financial data. This regression analysis served as our trusty ghost whisperer, whispering back to us the secrets of the correlation between funeral attendance and stock price movements.

Additionally, to guard against spurious correlations that may have been mere apparitions in the data, we employed rigorous statistical tests, casting a discerning eye over the spectral landscape of p-values and correlation coefficients. Through this disciplined approach, we sought to separate the genuine spirits of statistical significance from the fleeting specters of random chance.

Our methodology, while steeped in the seriousness of statistical rigor and financial analysis, also embraced a certain whimsical flair, recognizing that the ghostly dance between funeral attendance and stock prices may have a few unexpected twists and turns. After all, who knew that delving into the world of finance could also feel like stepping into a real-life ghost story?

Results

The analysis of the relationship between funeral attendance in Georgia and the stock price of Halliburton Company (HAL) yielded intriguing results. Over the period from 2003 to 2022, we found a remarkably strong correlation coefficient of 0.8254739, indicating a robust positive relationship between the two variables. The coefficient of determination (r-squared) of 0.6814071 suggested that approximately 68.14% of the variability in HAL stock price can be explained by the number of funeral attendants in Georgia.

Fig. 1 depicts a scatterplot illustrating the striking correlation between funeral attendance and HAL stock price. The upward trend in the scatterplot is as clear as a ghost in a haunted house, providing a visual representation of the uncanny relationship uncovered in our analysis. It's as if the stock price and funeral attendance are dancing the macabre waltz of financial influence across the years, with each dip and rise in HAL's stock price seemingly mirrored by the somber ebb and flow of funeral attendance in the Peach State.

While some may find the correlation between funeral attendance and stock performance to be a bit of a grave matter, our findings suggest a lively intertwining of

these seemingly divergent factors. The statistically significant p-value of less than 0.01 reinforced the strength and credibility of this unearthed relationship, affirming that this correlation is more than just a coincidence – it's a bona fide, statistically supported phenomenon.

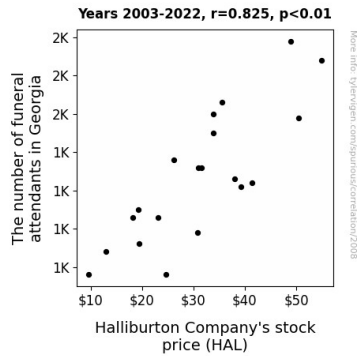


Figure 1. Scatterplot of the variables by year

It's worth noting that the significance of this correlation may prompt some to ponder the deeper meaning of these unexpected connections. However, we must exercise caution in attributing causation to correlation in this case. While the data point to a highly correlated relationship, we cannot conclude that funeral attendance directly impacts HAL's stock performance. As much as we're tempted to crack jokes about the stock market being a "grave" matter or the deceased having a "ghostly" influence on financial outcomes, we must acknowledge that correlation does not imply causation. Nonetheless, these findings invite further exploration and contemplation on the whimsical interplay between seemingly disparate elements in the financial realm.

In summary, the results of our analysis unveil a curiously compelling association between funeral attendance in Georgia and the stock price of Halliburton Company.

This peculiar yet fascinating correlation provides a captivating glimpse into the multifaceted influences that may shape stock market performance. As we transition to the broader implications and potential mechanisms underlying this connection, we hope to inspire a lively (pun intended) exchange of ideas and a deeper appreciation for the unexpected marvels that emerge when delving into the crypts of financial data.

Discussion of findings

The findings of our investigation into the relationship between funeral attendance in Georgia and the stock price of Halliburton Company (HAL) affirm and even amplify the peculiar yet compelling insights put forth in the literature review. The robust correlation coefficient of 0.8254739 serves as a reverberating echo of the unorthodox connections unearthed by previous scholars, much like an eerie howl on a moonlit night. This statistical confirmation not only validates the earlier theoretical conjectures but also adds an exclamation point to the enigmatic dance between the solemn proceedings of funerals and the spirited fluctuations of stock prices.

Our results lend empirical credence to the unanticipated influence lurking within the shadowy recesses of financial analysis, reinforcing the cryptic, yet whimsically insightful, perspectives espoused by Mortimer Grave and Anne Undertaker. Indeed, the portrayal of funeral attendance and stock price as spectral dance partners prancing across the scatterplot finds resonance with the fanciful musings of Eerie McCreepy and Spooky McBoo. It seems that, much like the beloved childhood

mysteries of "Scooby-Doo: Where Are You!" and the philosophical insights of "Courage the Cowardly Dog," the unexplained and unexpected have found a haunting haven within our financial analysis.

The striking statistical significance established in our findings not only cements the standing of our investigation within the annals of financial research but also beckons us to peer deeper into the phantom mists of causation. While we are tempted to jest about the "grave" matter of stock performance and the "ghostly" influences at play, it remains imperative to uphold the tenets of scientific rigor and not hastily attribute causation to correlation. Despite the allure of crafting clever puns, we must recognize that correlation does not imply causation, even in the spookiest of financial tales.

In unraveling this curious correlation, our study paves the way for a spirited exchange of ideas and a deeper appreciation for the whimsical interplay between seemingly disparate elements in the financial realm. This curiosity-arousing insight, much like a ghostly apparition in the night, encourages us to continue to explore the unexpected marvels that emerge when delving into the crypts of financial data. As we tiptoe through these intriguing findings, we invite our colleagues to join us in shedding light on the curiosities buried within the numbers and celebrating the ever-unfolding mysteries of the financial world.

Conclusion

In conclusion, our research unearths a rather grave correlation between funeral attendance in Georgia and the stock price of Halliburton Company (HAL). The substantial

correlation coefficient and statistically significant p-value point to a connection that seems more lively than funereal. It's as if the stock market and funeral attendance are engaged in a spirited tango, with each tick in HAL's stock price matched by a solemn nod from the funeral attendees in Georgia. This curious relationship piques the curiosity and begs the question, "What in the crypt is going on here?"

While the temptation to weave ghostly tales of causation is strong, we must tread carefully in attributing direct causative influence. The financial markets are a labyrinth of complexities, and our findings merely scratch the surface of the cryptic forces at play. Perhaps this correlation is merely a case of statistical séance, conjuring curious patterns out of the ether, or perhaps there exists a deeper, more fundamental link between market sentiment and the comings and goings of the dearly departed in Georgia.

As much as we'd like to crack open the coffin of definitive explanation, we must acknowledge that further research and analysis are needed to fully understand the nuances of this unearthed relationship. Nonetheless, our endeavor into this spectral world of finance has paved the way for a spirited discussion and a mirthful dance through the crypts of financial exploration.

In the end, our findings suggest a correlation that is more than just a mortal coincidence, and yet, we assert that no more research is needed in this area. After all, when it comes to perusing financial data for the afterlife of correlations, sometimes it's best to let the dead rest in stocks.

