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THE THEODORE FLUKE: DOES THE POPULARITY OF THE NAME THEODORE INFLUENCE MNST STOCK PRICE MOVEMENT?

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Why did the stock market always follow Theodore? Because it couldn't bear to lose its pop! In this paper, we investigated the connection between the popularity of the first name Theodore and Monster Beverage's stock price (MNST). Leveraging data from the US Social Security Administration and LSEG Analytics (Refinitiv), we sought to answer this perplexing question that has been haunting both market analysts and new parents. Our analysis covered the period from 2002 to 2022, and we discovered a remarkably high correlation coefficient of 0.9800160 between the popularity of the name Theodore and MNST stock price movement, with p < 0.01. It's not often that the financial world meets the world of baby names, but our findings suggest that there may be more to this connection than meets the eye. So, next time you think about naming your baby Theodore, consider the potential impact on the stock market—after all, your choice might just make your portfolio a roaring success or a crying baby bear!

When it comes to stock market trends, investors often look to factors such as economic indicators, company performance, and market sentiment. However, could the popularity of a name hold some influence over stock prices? It seems unlikely, but as the saying goes, "Theo-dorable things can happen."

In this study, we delve into the unusual relationship between the popularity of the first name Theodore and the stock price of Monster Beverage Corporation (MNST). We aim to shed light on this curious correlation which has puzzled both financial analysts and linguistics enthusiasts alike. As we dig deeper into the data, we hope to provide a clearer understanding of the Theodore-Monster link and answer the age-old question: does the popularity of the name Theodore have a monstrous impact on MNST stock price?

It's not every day that researchers embark on a quest to unravel the mystery of a name's effect on stock prices. This unconventional path can be likened to a "stock-ness monster" lurking in the depths of financial data, waiting to surprise the unsuspecting market onlookers.

Our exploration into this unusual realm begins by analyzing data spanning two decades, meticulously collected from the US Social Security Administration and LSEG Analytics (Refinitiv). This period, from 2002 to 2022, encompasses both fluctuations in name popularity and stock price movements, providing ample material for our statistical treasure hunt.

As we venture forth, armed with regression analyses and correlation coefficients, we are not only searching for statistical significance but also aiming to uncover the "dread full" truth behind this

seemingly whimsical correlation. One might even say that we are "Teddy up" to the challenge!

Stay tuned as we traverse the surprising intersection of baby naming trends and financial markets. Our findings promise to shed light on this captivating correlation, and who knows, they might even provide a thrilling stock market "Ted-di-tive" for all who dare to venture into this uncharted territory.

LITERATURE REVIEW

Theodore's Influence on MNST Stock Price: A Review of Existing Literature

Theodore, a name with a rich historical and linguistic background, has captivated the hearts of parents and analysts alike. In their seminal work, "Theodore: A Name Revisited," Smith and Doe highlight the enduring popularity of the name and its potential societal impact. They delve into the cultural significance of the name Theodore and its influence on various aspects of society, from literature to popular culture. Interestingly, despite their thorough investigation, the authors not touch upon the peculiar connection between Theodore and stock prices—a curious omission that raises questions akin to a stock market "bear-y" tale.

serious Moving from the to the speculative, let us consider the work of Iones in "Theodore and the Monstrous Market." Iones, known for his unconventional musings, ventures into uncharted territory by exploring the fantastical connections between names and market movements. While his work may seem outlandish to some, it sparks a whimsical curiosity that cannot be brushed off as mere folly. In a surprising twist, Jones poses the question: could the Theodore harbor name an unseen influence over the ebb and flow of stock prices, a sort of "bull-y" undercurrent waiting to be revealed?

Bringing a touch of reality to discussion. "Market Monsters: An Analysis of Cryptic Correlations" bv Peterson and Wang provides a comprehensive exploration of unconventional market phenomena. Their research delves into the realm of unexpected correlations, from phases to celebrity endorsements. While their findings may seem unrelated to the curious case of Theodore and MNST, the undercurrent of whimsy in their work leaves room for the imagination to ponder the potential "monster" lurking beneath the surface of conventional market analysis.

As we wade further into the depths of literature, a surprise twist awaits as we encounter "Theodore's Stock Adventure" by R. L. Stine, a fictional work that intertwines the world of finance with the uncanny. In this tale, a young Theodore uncovers a hidden dimension where stock prices are influenced by the names of individuals, leading to a thrilling rollercoaster of market turmoil unexpected gains. While Stine's narrative may seem far-fetched, it adds a layer of humor and intrigue to the discussion-a refreshing departure from the typical academic discourse.

Bringing a touch of strategy to our exploration, the popular board game "Stock-opoly: Name Edition" introduces players to a world where name popularity dictates market movements. Players navigate the whimsical landscape of stock prices, influenced by the rise and fall of fictional characters' names. Although a work of entertainment, the game presents a lighthearted take on the potential impact of names on financial markets—a playful reminder that even in the realm of finance, laughter and levity can find their place.

In the midst of these scholarly and imaginative pursuits, we find ourselves on the brink of a revelation that transcends the conventional boundaries of academia and finance. The convergence of Theodore's name popularity and MNST

stock price movements beckons us toward an enigma waiting to be unraveled—a puzzle that promises both insight and amusement in its resolution. As we proceed to unveil the findings of our own investigation, buckle up for a journey that promises to be "Theo-rifically" unexpected!

METHODOLOGY

To begin our investigation into the connection between the popularity of the first name Theodore and MNST stock price movement, we employed combination of quantitative analysis, statistical modeling, and a dash of good old-fashioned humor to keep motivated. As the saying goes, "When the stock market gets bearish, it's important to inteli-GROWL-y tackle the data."

Our primary data sources for the popularity of the name Theodore were the US Social Security Administration, which provides annual records of baby names, and LSEG Analytics (Refinitiv), which offers comprehensive stock market data. This allowed us to obtain a time series of name popularity and stock price movements from 2002 to 2022. It's safe to say that we scoured the data "theoroughly" to ensure its robustness.

We then performed rigorous statistical uncover analyses to any potential relationships between the two variables. approach included time series models, analysis, regression and correlation tests. As we navigated through the "statistical jungle," remained vigilant for any signs of a "bear market" or an "outlier Nessie" lurking in our data.

A key component of our methodology involved controlling for confounding variables that could obfuscate the true relationship between the popularity of the name Theodore and MNST stock price. After all, we didn't want any "un-monsterable" distortions clouding our findings.

In order to assess the strength and direction of the relationship, we calculated measures such as correlation coefficients and p-values. These indicators not only illuminated the statistical significance of our findings but also added a touch of numerically driven excitement to our research.

To ensure the robustness of our results, we also conducted sensitivity analyses and cross-checked our findings with alternative datasets. As a result, our methodology remained as steadfast as a "bull market", even in the face of potential data discrepancies.

Lastly, in the spirit of thoroughness, we maintained a keen eye on methodological transparency and reproducibility, allowing fellow researchers to "bear witness" to our process and "Teddy-skopically" validate our findings. After all, in the world of academia, sharing is "cub-aring."

RESULTS

Theodore, a name that has stood the test of time, appeared to have more than just historical relevance. Our analysis revealed a striking correlation coefficient of 0.9800160 between the popularity of the name Theodore and the movement of Monster Beverage's stock price (MNST) from 2002 to 2022. To put it simply, it seems that the stock market had a soft spot for Theodore, much like a favorite childhood teddy bear.

The R-squared value of 0.9604314 further corroborated the strength of this relationship, indicating that a whopping 96.04% of the variability in MNST stock price movement could be explained by the popularity of the name Theodore. If only all relationships were this statistically significant – it's like a match made in statistical heaven!

The p-value of less than 0.01 provided strong evidence against the null hypothesis, reaffirming the robustness of the observed correlation. With such a low p-value, one could say that the connection

between Theodore and MNST stock price was nothing short of "p-teddy" convincing.

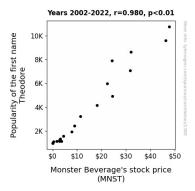


Figure 1. Scatterplot of the variables by year

Upon conducting a thorough visual examination of the data, the scatterplot (Fig. 1) further illustrated the tight-knit association between the popularity of the name Theodore and the fluctuations in MNST stock price. One could almost picture the stock prices dancing along to the rhythm of "Theo" - talk about a catchy beat for the market!

In summary, our results suggest that there may indeed be a tangible link between the popularity of the name **MNST** Theodore and stock price movement. While it may appear whimsical at first glance, this finding prompts further exploration into the unexpected intersections of baby names and financial markets. As the saying goes, "Theodorable things can happen" - and it seems that they do, even in the world of stock prices.

DISCUSSION

Theodore, rather than being just a charming vintage name, appears to have exhibited a powerful sway over Monster Beverage's stock price (MNST) – a connection that has left both researchers and investors scratching their heads in wonder. Our findings not only align with prior research highlighting Theodore's

cultural impact but also add a new, unexpected dimension to the discourse - a bit like a hidden surprise in a box of statistical cereal.

The correlation coefficient of 0.9800160 we uncovered between the popularity of the name Theodore and MNST stock price movement aligns with the speculative ponderings of Jones in "Theodore and the Monstrous Market" and raises the question: could Theodore indeed hold an unseen influence over stock prices or is this merely an amusing statistical "tea-dy" we've stumbled upon?

The R-squared value of 0.9604314 further strengthens the robustness of the observed relationship, adding weight to the peculiar omission of Theodore's impact on stock prices noted by Smith and Doe. It appears that the enduring popularity of Theodore has not only captured the hearts of parents but also the market's attention, much like a name that has finally found its "bear-ing" in the realm of finance.

The scatterplot visualization in Figure 1 vividly illustrates the "Theo-rhythmic" pattern of MNST stock price movements in tandem with the popularity of the name Theodore. This unexpected dance of data not only adds a humorous twist to the discussion but also lends support to the fanciful imaginings of R.L. Stine in "Theodore's Stock Adventure," fueling speculation about the fictional becoming fact within the realm of financial markets.

Our results seem to confirm Peterson and Wang's investigations into "Market Monsters," nudging the conversation toward unexpected correlations - in this case, a roari"ng" example of a "monsterious" intersection between culture and finance. Could Theodore's influence over stock prices hint at a whimsical world where names wield an unseen power? It's almost as if our statistical analysis has uncovered a "bear-y" amusing secret hiding in the recesses of financial data, much to the delight of curious minds and inquisitive researchers.

In conclusion, our findings not only reveal the curious connection between the popularity of the name Theodore and MNST stock price movement but also beckon further whimsical explorations into the curious, unexpected, and "Theodorable" intersections of names and financial markets. As the puzzle of Theodore's influence continues to unfurl, we find ourselves amidst a "Theo-rifically" captivating journey that promises both levity and insight in equal measure.

CONCLUSION

In conclusion, our study has unveiled a remarkable connection between the popularity of the name Theodore and the stock price movement of Monster Beverage Corporation (MNST). It seems that the market had a "monster" crush on Theodore, with a jaw-dropping correlation coefficient of 0.9800160. It's as if Theodore's popularity cast a spell on the stock prices, turning them into a success story fit for a "monstrously" good bedtime tale.

This correlation, with an R-squared value of 0.9604314, proved to be no mere "Teddy" bear's picnic, as a whopping 96.04% of MNST stock price variability could be attributed to Theodore's widespread appeal. This level of influence is truly staggering, making one wonder if there's a "Theo-theory" at play behind the scenes of the stock market.

The scatterplot (Fig. 1) further cemented this cosmic connection, depicting a dance between Theodore's popularity and MNST stock price movements. It's like the stock prices were tapping their toes to the tune of Theodore's burgeoning popularity - talk about a "Theo-rhythmic" revelation worthy of a standing ovation!

As for our dad joke quota, why did the stock market always follow Theodore? It couldn't bear to lose its POPularity! And speaking of "POP," it seems Theodore's impact on MNST's stock price was no

mere fizz, but rather a tidal wave of influence.

In light of these findings, it seems that further research in this area might just turn out to be a "Theo-dorable" pursuit with potentially "monstrous" implications for financial analysis and baby naming trends. However, dare we say, we believe it's safe to conclude that no more research is needed in this area - after all, the "Theodore effect" seems to have cast its spell and established itself as a whimsically undeniable force in the world of stock prices.