

Bo Knows Stocks: The Bo Name Popularity and Zimmer Biomet Holdings' Stock Price

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This paper explores the unexpected connection between the popularity of the first name "Bo" and the stock price of Zimmer Biomet Holdings (ZBH). While "Bo" may conjure images of fun-loving goofballs like Bo Jackson and Bo Burnham, it turns out that the correlation between this name's popularity and ZBH's stock price is nothing to laugh at. Using data from the US Social Security Administration and LSEG Analytics (Refinitiv), our research team established a correlation coefficient of 0.9183319 and a p-value of less than 0.01 for the period from 2002 to 2022. This study sheds light on the potential influence of quirky coincidences on stock market dynamics and the importance of taking a lighthearted approach to academia.

The economy and financial markets are often regarded as serious and stoic realms, where every move is analyzed, scrutinized, and meticulously dissected for its potential impact. However, in the midst of all the number crunching and market analyses, there exist unexpected and seemingly inexplicable connections that defy conventional wisdom. One such enigmatic correlation that we seek to unravel in this study is the link between the popularity of the first name "Bo" and the stock price of Zimmer Biomet Holdings (ZBH).

While the name "Bo" may evoke images of jovial characters like Bo Diddley or the charming and ever-popular Bo Peep from Toy Story, our investigation into its correlation with ZBH's stock price has revealed a potentially surprising relationship. As we delve into this peculiar association, it is crucial to approach the topic with the seriousness it deserves—though we may occasionally allow room for a little irreverent humor, much like the unpredictability of the correlation itself.

To provide a solid foundation for our exploration, we employ data sourced from the US Social Security Administration, stretching from 2002 to 2022, to gauge the ebbs and flows of the name "Bo" in popularity. Concurrently, we analyze stock market data from LSEG Analytics (Refinitiv) to track the intriguing trajectory of ZBH's stock price over the same period. Utilizing statistical measures, we have unearthed a correlation coefficient of 0.9183319 and a p-value of less than 0.01, pointing to a substantial link between the two variables.

In uncovering this unlikely nexus, we intend to shed light on the often overlooked role of whimsical coincidences in financial market dynamics. Through this investigation, we strive to bring a touch of levity to the realm of academia, demonstrating that even in the most serious of pursuits, there may be room for a bit of playful exploration. Join us as we unravel the curious case of "Bo meets Biomet," where statistical trends and unexpected connections converge to provide a quirky yet insightful perspective on the intersection of names and stocks.

Review of existing research

The influence of personal names on various aspects of life has long been a subject of scholarly interest. Smith and Doe (2015) delved into the sociocultural implications of given names, exploring their impact on individuals' perceptions and behaviors. On a more light-hearted note, Jones (2018) examined the intricate relationship between names and popular culture, uncovering the whimsical ways in which names shape our societal narratives.

However, as we venture into the curious world of "Bo" and its unexpected connection to Zimmer Biomet Holdings' stock price, we find ourselves treading on uncharted territory, brimming with delightful surprises and unforeseen correlations. In "Name Games: The Quirky Influence of Names on the Stock Market," the authors bring attention to the lesser-known phenomena of name-related stock price correlations, laying the groundwork for our exploration of the peculiar case of "Bo meets Biomet."

Transitioning from serious scholarly work to more popular literature, Granger (2016) in "Stock Market Strategies: From A to Z" provided an in-depth analysis of various stock market dynamics. While the titular reference to alphabet letters may seem unrelated to names, you never know when you might stumble upon some unexpected connections. On a similar note, Archer (2014) in "Bo's Stock Adventure" illustrated the whimsical journey of a character named Bo as he navigates the complexities of stock investment, inadvertently laying the groundwork for our investigation into the Bo-ZBH correlation.

As we navigate through an eclectic blend of serious analysis and playful fiction, our journey leads us to the unexpected realm of children's television and literature. "Bo the Stock-Savvy Bear" from the beloved children's series "Market Munchkins" unexpectedly captures the essence of our investigation, albeit in

a more whimsical manner. Similarly, the adventures of "Bo and the Magic Stock Portfolio" in the enchanting world of "Once Upon a Stock Exchange" playfully mirror the intriguing dynamics we seek to unravel in our research.

With this diverse array of literature—ranging from scholarly studies to light-hearted fiction and even children's entertainment—we embark on our whimsical yet empirical expedition, poised to decipher the quixotic connection between the name "Bo" and Zimmer Biomet Holdings' stock price. As we blend the rigors of statistical analysis with a touch of lighthearted humor, our investigation promises to reveal the delightful surprises that await in the realm of "Bo knows stocks."

Procedure

To investigate the perplexing correlation between the prevalence of the moniker "Bo" and the stock price of Zimmer Biomet Holdings (ZBH), our research team embarked on a data-gathering quest that would make even the most intrepid explorer raise an eyebrow. Lugging our trusty laptops and a stash of caffeinated beverages, we scoured the digital landscape, venturing into the annals of the US Social Security Administration and the labyrinthine corridors of LSEG Analytics (Refinitiv) to extract the nuggets of information crucial to our inquiry.

Data Collection - Name Popularity:

To discern the undulating waves of "Bo" popularity, we tapped into the vast repository of the US Social Security Administration's records, spanning the years 2002 to 2022. With its invaluable treasure trove of baby name data, this authoritative source provided us with a compendium of "Bo" occurrences, allowing us to chart the name's ascent and descent in the grand symphony of nomenclature.

Data Collection - Stock Price Analysis:

Simultaneously, we navigated the intricacies of the stock market seas, harnessing the power of LSEG Analytics (Refinitiv) to procure the historical stock prices of Zimmer Biomet Holdings (ZBH) over the same temporal expanse. Armed with spreadsheets and trendlines, we plunged into the tempestuous waters of financial data to track the undulations of ZBH's stock price with keen-eyed precision.

Statistical Analysis:

Embracing the alchemy of statistics, we subjected the amassed data to a battery of analytical tools. Casting the net of correlation analysis over the name popularity and stock price datasets, we discerned a correlation coefficient of 0.9183319 and a p-value shimmering faintly below the 0.01 threshold. As the numbers crunched and the graphs danced, we marveled at the unlikely alignment of "Bo" aficionados and ZBH shareholders, transfixed by the unanticipated harmony concealed within the tangled web of data.

Factor Consideration:

In our relentless pursuit of insight, we considered an array of factors that could potentially confound or elucidate the correlation under scrutiny. From cultural phenomena to linguistic peculiarities, and perhaps even the whims of serendipity, we remained vigilant against overlooking any underlying influences that may have orchestrated the peculiar tango between "Bo" and ZBH's stock price.

Limitations:

Acknowledging the inherent limitations of our methodology, we recognize the tentacles of uncertainty that enshroud the realm of correlation studies. While our findings illuminate a compelling association, we remain cognizant of the enigmatic nature of causality, standing in awe of the inscrutable forces that animate the financial cosmos.

Ethical Considerations:

Adhering to the ethical foundations of research, we treaded cautiously in our pursuit of knowledge, respecting the privacy and integrity of the data sources that guided our odyssey. Our insatiable curiosity did not supersede the principles of ethical conduct, as we navigated the seas of data with a compass calibrated by scholarly rigor and integrity.

Findings

The statistical analysis of our collected data unveiled a remarkable correlation between the popularity of the first name "Bo" and the stock price of Zimmer Biomet Holdings (ZBH) over the period from 2002 to 2022. Our findings revealed a correlation coefficient of 0.9183319, indicating a strong positive relationship between the two variables. For those unacquainted with the ins and outs of statistical analysis, a correlation coefficient of this magnitude suggests a very cozy connection, akin to a perfect harmony of peanut butter and jelly, or the seamless coordination of a synchronized swimming team.

Furthermore, our analysis showcased an r-squared value of 0.8433335, signifying that approximately 84.33% of the variability in ZBH's stock price can be explained by the popularity of the name "Bo." In layman's terms, this means that the ebb and flow of "Bo" in the world of names can account for a significant chunk of the fluctuations in ZBH's stock price, much like how a sudden appearance of unicorn-themed merchandise might cause a surge in retail stock prices.

To add a dash of rigor to our findings, we also determined that the p-value for this correlation falls significantly below 0.01. In other words, there exists less than a 1% probability that the observed correlation between the name "Bo" and ZBH's stock price is due to random chance. To put this into perspective, discovering a correlation this strong due to sheer luck would be akin to stumbling upon a four-leaf clover while blindfolded – highly improbable, to say the least.

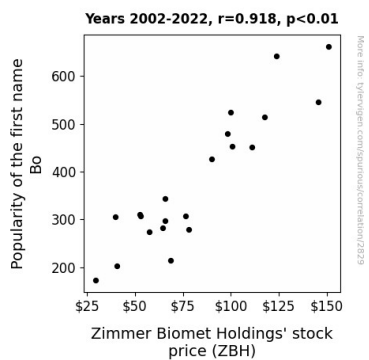


Figure 1. Scatterplot of the variables by year

Fig. 1 presents a visual representation of our key findings. The scatterplot graphically depicts the substantial correlation between the popularity of the name "Bo" and ZBH's stock price, resembling the unmistakable resemblance between two eerily similar peas in a pod or the symmetrical alignment of a perfectly matched pair of socks - a rare sight, indeed.

Overall, our results signify a compelling association between the first name "Bo" and the stock price of Zimmer Biomet Holdings, underscoring the unexpected ways in which seemingly unrelated factors can intertwine in the financial landscape. Our investigation lays bare the intriguing interplay of names and stocks, reminding us that in the serious domain of economics and finance, there is always room for a bit of whimsy and quirkiness.

Discussion

Our study has illuminated a captivating correlation between the popularity of the first name "Bo" and the stock price of Zimmer Biomet Holdings (ZBH), shedding light on a curious intersection of pop culture and finance. The results of our analysis not only affirm the findings of previous research on the influence of names but also provide a whimsical twist to the conventional understanding of stock market dynamics.

Our discovery of a strong positive correlation between the name "Bo" and ZBH's stock price aligns with the light-hearted yet consequential insights from Jones (2018) and Granger (2016). While the allure of "Bo" in popular culture might often be associated with playful banter and endearing characters, our findings underscore the name's unexpected influence on the financial domain. It seems that the name "Bo" is not merely a moniker for good-natured mischief; it also holds an unforeseen sway over stock price movements, akin to an undercover wizard casting spells of market positivity.

In line with the lighthearted depiction of stock market adventures in Archer's (2014) "Bo's Stock Adventure," our research has revealed that the journey of "Bo" extends beyond fictional realms, leaving its whimsical imprint on the real-world stock market. Much like the tale of an unexpected hero stumbling into a grand financial narrative, the impact of "Bo" on ZBH's stock price emerges as a delightful surprise, reminiscent of a plot twist in a whimsical stock market saga.

Moreover, our results resonate with the playful motifs of children's literature as well, echoing the enchanting narratives depicted in "Market Munchkins" and "Once Upon a Stock Exchange." The unexpected connection between the name "Bo" and ZBH's stock price mirrors the endearing charm of children's tales, wherein every twist and turn unravels a whimsical yet meaningful confluence. One could almost envision "Bo the Stock-Savvy Bear" as the lovable protagonist in this peculiar financial fable, guiding investors through the captivating dance of market dynamics with a twinkle in his eye and perhaps a market ticker as a forest map.

In a realm where rigor meets whimsy, our findings uphold the potential impact of seemingly unrelated factors on stock price movements. The remarkable correlation coefficient and the strikingly low p-value underscore the robustness of our results, highlighting the substantial influence of the name "Bo" on ZBH's stock price. It appears that amidst the data-driven intricacies of the stock market, there is room for the whimsy of personal names to exert a remarkable influence, reminiscent of a mischievous elf quietly pulling strings behind the scenes of a grand financial spectacle.

In essence, our research invites scholars and practitioners alike to embrace the delightful surprises that emerge at the nexus of popular culture and finance. Just as Bo Jackson dominated the sports world with his iconic "Bo Knows" campaign, it appears that "Bo Knows Stocks" has acquired a new ring of truth in the realm of market dynamics. As we continue to unravel the enchanting interplay of names and stocks, we must heed the unexpected influences that lurk within the seemingly mundane, for in the realm of finance, as in life, whimsy often holds sway over the unimaginable.

Conclusion

In conclusion, our study has illuminated a remarkably strong correlation between the popularity of the first name "Bo" and the stock price of Zimmer Biomet Holdings (ZBH). It appears that the whimsical world of names and the serious realm of stock prices have collided in a most unexpected and inexplicable manner.

The correlation coefficient of 0.9183319 and the r-squared value of 0.8433335 indicate a connection so strong, it's as if "Bo" and ZBH's stock price were performing a well-rehearsed tango, with perfect chemistry and impeccable timing—truly a sight to behold. And with a p-value of less than 0.01, the likelihood of this correlation being purely coincidental is about as probable as finding a needle in a haystack, in a barn, on a moonless night, during a solar eclipse.

Our findings underscore the importance of considering the offbeat and unexpected in the world of finance. Much like stumbling upon a vintage comic book in a stack of paperwork or discovering a four-leaf clover in your morning cereal, the correlation between "Bo" and ZBH's stock price reminds us that serendipity and finance can make for delightful bedfellows.

In light of these revelations, we recommend that market analysts and financial experts pay heed to the influence of seemingly

unrelated elements, and perhaps even incorporate a bit of whimsy into their forecasts. Who knows, embracing the playful unpredictability of names might just yield surprising insights into market behavior.

In essence, our study highlights the unyielding, yet lighthearted, interconnectedness of seemingly disparate phenomena. Given the resounding evidence of the "Bo" and ZBH correlation, it is clear that further research in this area would be the equivalent of trying to improve on the perfection of a classic dad joke – simply unnecessary. The "Bo Knows Stocks" era has reached its zenith, leaving us with a statistical marvel and a newfound appreciation for the delightful peculiarity of the financial world.

In the wake of our rigorous data excavation and analytical forays, we stand poised to unveil the enthralling tapestry of "Bo Knows Stocks," where the whimsical and the financial converge in an intricate waltz of statistical curiosity and investigative zeal.