Name Fallon's Impact on Bank Balance: A Quirky Connection between Personal Popularity and Stock Performance

Chloe Horton, Amelia Thomas, Gregory P Turnbull

Evanston, Illinois

In this paper, we delve into the amusing intersection of personal nomenclature and financial markets. Specifically, we examine the unexpected correlation between the prevalence of the first name "Fallon" and the fluctuation of ICICI Bank's stock price (trading under the symbol IBN). Leveraging data from the US Social Security Administration and LSEG Analytics (Refinitiv) from the period of 2002 to 2022, our team discovered a striking correlation coefficient of 0.8890574 and a p-value of less than 0.01. This finding not only raises eyebrows but also prompts reflection on the whimsical influences that may impact market dynamics. Join us in uncovering the curious connection between personal popularity and stock performance, where the name "Fallon" evidently pulls the strings of financial fate.

Ah, the whimsical world of empirical research, where the only thing more unpredictable than statistical outliers are the puns scattered within dry academic papers. In this paper, we embark on a quest to unravel the unlikeliest of connections – the impact of first name popularity on a bank's stock performance. Yes, you read that right. It's an exploration of how personal nomenclature might just hold sway over the fates of financial markets, in what we call "Name Fallon's Impact on Bank Balance: A Quirky Connection between Personal Popularity and Stock Performance."

As we dive into this curious amalgamation of quirky correlations and market mayhem, it's worth noting that we had our fair share of skepticism. After all, connecting the dots between the prevalence of the name "Fallon" and the stock price of ICICI Bank (IBN) sounds like the setup to a science fiction comedy flick. However, armed with data from the US Social Security Administration and LSEG Analytics (Refinitiv), we uncovered a correlation coefficient of 0.8890574. If that number doesn't make you raise an eyebrow, you probably haven't had enough caffeine yet.

Now, before you dismiss our findings as a statistical fluke, let's just say that the p-value is less than 0.01, leaving us with significant evidence in favor of this peculiar relationship. It turns out that the financial world may dance to the beat of whimsical variables beyond mere economic indicators, leading us to ponder the idea that perhaps the stock market is less about supply and demand, and more about the cosmic dance of first names.

So, grab your lab coat and a cup of coffee, because the data-driven rollercoaster that follows will take you on a journey through the uncharted territories of market research. Get ready to explore the unseen influences and unexpected connections that make the field of economics an enthralling blend of statistics, speculation, and sometimes, sheer serendipity. Welcome to the wacky world of economic quirkiness – where the name "Fallon" evidently pulls the strings of financial fate.

LITERATURE REVIEW

Turning our attention to the existing literature on the relationship between nomenclature and financial markets, we find a well-established body of serious research examining the impact of various sociocultural factors on economic outcomes. Smith (2010) investigates the influence of personal names on consumer behavior, while Doe (2015) explores the psychological effects of name perception on stock investment. Jones (2018) delves into the societal implications of naming conventions on market trends. These studies provide a solid understanding foundation for potential the ramifications of personal nomenclature in the realm of finance.

However, as we venture further into the more whimsical side of this exploration, our search for related sources took a surprisingly comedic turn. Among the non-fiction books that seemingly border on the peculiar correlation we're investigating is "Freakonomics" by Levitt and Dubner, which boldly delves into the unexpected connections that drive societal dynamics, albeit without explicitly mentioning the influence of individual names on stock prices. Another head-scratcher, "Blink" by Malcolm Gladwell, emphasizes the role of rapid cognition in decision-making processes, offering tangential insights into the subconscious impact of names on financial choices.

In a twist that will undoubtedly raise some eyebrows, our search also led us to the realm of fiction, with books like "The Name of the Wind" by Patrick Rothfuss and "The Catcher in the Rye" by J.D. Salinger. While these literary works may not directly tackle economic peculiarities, their exploration of the significance of names and identities in shaping individual destinies provides a whimsical parallel to our investigation.

To add a dash of modernity to our review, we stumbled upon some intriguing social media

musings on the topic. A particularly spirited Reddit post by u/EconEnigma235 playfully speculated about the obscure connection between celebrity name trends and cryptocurrency fluctuations, inadvertently touching on the offbeat nature of unexpected connections in the financial realm. Likewise, a Twitter thread by @MarketMischief delved into the whimsical correlations between pop culture phenomena and stock market anomalies, shedding light on the delightful enigma of unorthodox market influences.

As we meander through this literature review, it becomes evident that the intersection of personal nomenclature and financial markets is a whimsical rabbit hole with layers of potential correlations waiting to be uncovered. The scholarly and not-soscholarly sources we've encountered offer a blend of serious inquiry and lighthearted speculation, mirroring the lighthearted yet thought-provoking nature of our investigation. In the delightful dance between academic gravity and unapologetic quirkiness, we find ourselves compelled to embrace the unexpected and examine the serious business of playful correlations.

METHODOLOGY

As much as we'd love to regale you with tales of how we summoned a crystal ball or consulted a fortune teller to uncover the name "Fallon's" mystical influence on ICICI Bank's stock price, we must confess that our methodology is grounded in the humdrum world of data collection and statistical analysis.

To commence the escapade, our crack team of researchers scoured through the annals of the US Social Security Administration, mining data on the prevalence of the name "Fallon" in the great tapestry of American nomenclature. With python scripts whirring and systems tirelessly crunching, we distilled this vast sea of names into a concise dataset that captured the rise and fall of Fallon's favor over the years. Not content with mere moniker musings, we then set our sights on the stock market – a realm where fortunes are made and lost, and where the ebb and flow can be as capricious as the whims of a toddler with a lemonade stand. Unearthing historical stock price data for ICICI Bank (IBN) from LSEG Analytics (Refinitiv), we meticulously charted the undulating waves of market performance, seeking any telltale signs of correlation with our chosen name.

Now, here's where it gets a bit Sherlock Holmes-ish. Armed with our datasets, we deployed the sacred art of statistical analysis – a concoction brewed with Ttests, correlation coefficients, and p-values. Like alchemists in the lab, we meticulously stirred the cauldron of numbers to distill the essence of our findings.

Speaking of findings, our chief discovery emerged in the form of a correlation coefficient of 0.8890574. It's the kind of number that makes even the most stoic of statisticians do a double-take. To add a dash of statistical validation, we conjured a pvalue of less than 0.01, serving as the Ben & Jerry's cherry on top of our research sundae.

That, dear reader, is how we arrived at the dizzying nexus of name popularity and stock price dynamics, armed with nothing more than data, a fervent sense of curiosity, and an unabashed appreciation for the whimsy of economic research. Join us as we venture forth into the heart of this curious correlation, where numbers and names converge in the most unexpected of ways, shaping the landscape of economic analysis into a playground of peculiar possibilities.

RESULTS

In the realm of quirkiness and unexpected correlations, our research team unearthed a statistically significant relationship between the popularity of the first name "Fallon" and the stock performance of ICICI Bank (IBN) from 2002 to 2022. The correlation coefficient of 0.8890574 that we stumbled upon could pique the interest of even the most stoic of analysts – it's as if the financial fates were being playfully nudged by a mischievous force, or perhaps a legion of "Fallon"s with stock market savvy.

This strong positive correlation essentially suggests that as the prevalence of the name "Fallon" waxes and wanes, the stock price of ICICI Bank has followed suit in lockstep, much like an enthusiastic partner in a lively square dance. The r-squared value of 0.7904230 further solidifies the substantial influence that the name "Fallon" wields over the stock price. It's as if the chaos of the stock market faithful has found a unique choreography with the predictability of first names – a paradoxical tango of unpredictability and statistical significance.

Now, pardon the lack of modesty, but we simply can't resist pointing out that the p-value falling below 0.01 is the icing on the cake. It's as if the universe itself, in all its probabilistic glory, has decided to play a whimsical game of chance wherein the name "Fallon" is the wildcard that everyone secretly roots for.



Figure 1. Scatterplot of the variables by year

As a visual testament to this captivating correlation, Fig. 1 showcases a scatterplot that would make even the most pragmatic of statisticians raise an eyebrow – the data points form a nearly perfect straight line, as if to playfully taunt the notion of random chance.

In conclusion, our study not only affirms the existence of an uncanny link between the name

"Fallon" and the stock performance of ICICI Bank but also serves as a whimsical reminder that perhaps, just perhaps, there are unseen forces at play in the seemingly rational world of finance. We invite fellow researchers and enthusiasts to join us in this captivating venture of statistical serendipity and to ponder the enigmatic dance of first names and financial figures. For in the quirky constellation of data points and personal appellations, lies a rich tapestry of intrigue and the undeniable allure of scientific whimsy.

DISCUSSION

The culmination of our research has led to an amusing juncture where the unlikeliest of variables, the name "Fallon," has pirouetted into the world of finance and been found to have a statistically discernible impact on the stock performance of ICICI Bank (IBN). Our findings not only corroborate the scholarly investigations of Smith, Doe, and Jones but also add a whimsical twist to the conversation, echoing the lighthearted musings of u/EconEnigma235 and @MarketMischief.

One cannot help but marvel at the unexpected correlations we have stumbled upon, akin to a grand farce orchestrated by statistics itself. The selfassured correlation coefficient of 0.8890574 serves as an incontestable testament to the unseen influence that the moniker "Fallon" wields over the stock price of ICICI Bank, broadening the horizon of what can only be described as a whimsical manifestation of the unpredictable rationality of financial markets.

With an r-squared value of 0.7904230, the predictability of the name "Fallon" in sync with the stock price paints a picture akin to an intricate ballet between the namesake and the stock market. It's as if amidst the chaotic unpredictability of stock performance, the tranquil melody of the name "Fallon" has found a discernible rhythm, lending an air of serendipity to the otherwise somber business of financial analyses.

The whisper of statistical significance is further accentuated by a p-value of less than 0.01, as if the gods of probability have orchestrated a light-hearted masquerade, with the name "Fallon" at the center of the revelry. Indeed, our findings unveil a tapestry of whimsical, yet conclusive correlations that challenge the conventional rigidity of financial data – it seems that sometimes, we can't help but find a sense of humor in the most unlikely places.

As we contemplate the scatterplot showcased in Fig. 1, one can't help but recognize the inherent playfulness within the sea of data points that have aligned themselves in near-perfect symmetry, almost as if the statistical gods themselves are winking at us. It's a visual masterpiece that embodies the quirkiness of our findings, enticing even the most stoic of observers to join in the dance of whimsical correlations.

In effect, our study not only sheds light on the playful interplay between personal appellations and financial figures but also beckons the quixotic curiosity of researchers and enthusiasts to explore the enigmatic forces that seemingly lurk within the rational world of finance. As we venture deeper into this labyrinth of statistical serendipity, let us not forget that even in the most serious of scientific pursuits, there may be room for the delightful absurdity of statistical whimsy.

CONCLUSION

In the captivating tale of the name "Fallon" and ICICI Bank's stock performance, our findings not only add a sprinkle of whimsy to the typically serious world of finance but also remind us of the serendipitous dance of statistics and personal monikers. It's as if the cosmic stage is set for a quirky performance where financial fate waltzes with the popularity of names, leaving us to wonder whether there's more to stock market fluctuations than meets the eye - or should we say, the NYSE?

As we bid adieu to this strange but strangely intriguing correlation, let's acknowledge that the statistically significant connection between "Fallon" and IBN suggests a harmony that defies rational explanation. It's akin to witnessing a choreographed dance between unpredictability and predictability, where statistics and personal names tango in a manner that would make even the most ardent skeptics raise an eyebrow - or perhaps furrow it in bemusement.

In the spirit of scientific whimsy, our study entreats future researchers and aficionados to revel in this delightful dance of data points and personal appellations. For in the field of economics, as in life, sometimes the most unexpected correlations lead to the most intriguing insights. Yet, as we pirouette out of this comical intersection of personal nomenclature and financial markets, it's with a playful caution that we assert: no further research is needed in this delightfully wacky area of study. It's time for "Fallon's" influence on IBN's stock price to take a well-deserved curtain call, leaving us with a wink and a smile at the whimsical phenomena that statistical analysis may unexpectedly reveal.