A Stroke of Stock: The Sonny-Sherwin-Williams Connection

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Center for Research

Discussion Paper 3159

January 2024

ABSTRACT

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Recent academic research has delved into the peculiar phenomenon of a potential link between the popularity of the first name "Sonny" and the stock price of The Sherwin-Williams Company (SHW). Utilizing data from the US Social Security Administration and LSEG Analytics (Refinitiv), this study aimed to uncover the quirky correlation that seems to exist between these seemingly unrelated entities. Employing statistical analysis, the research team discovered a strikingly high correlation coefficient of 0.9827596 with a p-value of less than 0.01 for the period spanning 2002 to 2022. These findings suggest an unmistakable association between the prevalence of the name "Sonny" and the fluctuations of SHW stock, shedding new light on the idiosyncrasies of market influences. While the nature of this relationship remains enigmatic, this research contributes to the understanding of the unexpected connections that permeate the world of finance and nomenclature.

I. Introduction

INTRODUCTION

Money and monikers have long been parallel paths in the road of life. We have witnessed the rise and fall of fortunes, just as we have seen the wax and wane of baby names. But, who could have fathomed that these two divergent trajectories might intersect in a manner so remarkably peculiar? In this paper, we delve into the curious case of the connection between the popularity of the first name "Sonny" and the stock price of The Sherwin-Williams Company (SHW).

The notion that the popularity of a given first name could somehow influence stock prices may seem as whimsical as a unicorn sighting in a statistical analysis textbook. However, as scholars and merrymakers alike are aware, the world is replete with unexpected connections. And so, armed with this ethos, we embarked on a quest to unravel the mysterious thread that appears to link the name "Sonny" and the financial fate of Sherwin-Williams.

The Sherwin-Williams Company has stood as a stalwart in the coatings and paint industry, a titan whose financial fortunes are typically discussed in the hallowed halls of high finance. Yet, could it be that the name "Sonny," with its charismatic charm and warm association with sunshine and cheer, holds sway over the market movements of this venerable corporation? The answer may surprise you as much as the lingering scent of fresh paint.

But, before we delve too deep into the enigmatic entanglement of names and numbers, let us consider the scope and methodology employed to unravel this riddle. We combed through decades of data from the US Social Security Administration, tracing the ebbs and flows of the name "Sonny" as it danced its way through birth certificates. In tandem, we delved into the

financial annals of Sherwin-Williams, meticulously charting the rises and dips of SHW stock prices. The convergence of these disparate datasets brought forth a revelation that would baffle statisticians and tickle the curiosity of even the most seasoned market pundits.

As we tread further into this uncharted territory of name-based market influences, it is essential to approach our findings with a sense of wonder and curiosity. We shall venture forth armed with statistical analysis, armed not with swords and shields, but with correlation coefficients and p-values. For in the realm of academic inquiry, a well-placed pun is as potent as a well-constructed hypothesis. So, dear reader, come along as we journey into the realm of nomenclature and numerical whimsy.

The aim of this paper is not merely to unravel the connection between Sonny and Sherwin-Williams, but also to appreciate the quirky conundrums that pepper the landscape of finance and nomenclature. Through the lens of this offbeat correlation, we seek to shed new light on the idiosyncrasies that underpin the machinations of markets and the naming of generations. As we navigate this unconventional adventure, we hope that our findings will both entertain and inspire new avenues of inquiry into the delightful dance between names and numbers.

II. Literature Review

The intersection of nomenclature and financial markets has long been a subject of intrigue, leading scholars to explore the unexpected ways in which names and numbers might intertwine. While the idea of a connection between a first name's popularity and stock prices may initially appear as quixotic as searching for a needle in a haystack (or perhaps a stock tip in a pun-filled

academic paper), recent studies have begun to shed light on this whimsically curious phenomenon.

In the seminal work of Smith et al. (2018), researchers initially brought attention to the intriguing possibility of a correlation between first names and stock prices, paving the way for further exploration in this uncharted territory. Subsequent studies by Doe and Jones (2020) expanded upon this groundwork, delving into the idiosyncrasies of market influences and the societal nuances that could potentially influence such a connection.

Turning now to the world beyond academic research, non-fiction works such as "Freakonomics" and "Outliers" have brought attention to the often unexpected and unorthodox factors that may impact economic and social phenomena. Furthermore, fictional works such as "The Joy Luck Club" and "The Great Gatsby" have woven narratives around the intricacies of societal influences and individual identities, offering allegorical insights into the complexities of human behavior and cultural trends.

In a lighthearted departure from conventional sources, the authors found themselves revisiting beloved childhood cartoons and shows, from "SpongeBob SquarePants" to "Sesame Street," in an effort to glean insights from the most unlikely of sources. After all, who better to understand the ebbs and flows of popular sentiment than the characters who have whimsically waltzed their way into the hearts and minds of generations?

As the academic winds of inquiry blew them from serious studies to whimsical readings, the authors found themselves pondering the notion that perhaps, just perhaps, there might be more to the Sonny-Sherwin-Williams connection than meets the eye. With an open mind and a touch of humor, this paper endeavors to navigate the juncture where financial markets and nomenclature

playfully collide, inviting readers to join in the delightfully unorthodox exploration of this intriguing phenomenon.

III. Methodology

To unravel the enigmatic connection between the popularity of the first name "Sonny" and the stock price of The Sherwin-Williams Company (SHW), our research team embarked on a journey that was as riveting as it was quirky. We combined data from the US Social Security Administration, which holds the key to the ebb and flow of baby names, with information from LSEG Analytics (Refinitiv), delving into the financial annals of Sherwin-Williams to capture the whimsical dance between names and numbers from 2002 to 2022.

Our intrepid methodology began by harnessing the power of data mining, as we scoured the vast expanse of the internet, much like adventurous explorers seeking treasure, to collect the evolving popularity of the name "Sonny" from official birth registries. We diligently followed the trails of this moniker, tracking its movements with the precision of a sleuth on the trail of a captivating mystery novel. Each instance of "Sonny" was meticulously logged, creating a vivid tapestry of the name's fluctuating favor across different epochs.

Concurrently, our team delved into the financial domain, tapping into the repositories of LSEG Analytics (Refinitiv) to extract the historical stock price data of The Sherwin-Williams Company. Like seasoned financial detectives, we pored over the labyrinthine labyrinth of stock prices, unraveling the intricate patterns and surprises lurking within the winding corridors of

market fluctuations. Much like uncovering the hidden treasures of a stock market-themed escape room, we combed through the numerical landscapes to capture the soaring highs and plunging lows of SHW stock.

Once both datasets were securely in our clutches, we employed the hallowed tools of statistical analysis to bring order to the seeming chaos of names and numbers. With the precision of a conductor leading a symphony, we unleashed the full might of correlation coefficients and p-values, revealing the harmonious interplay between the popularity of "Sonny" and the twists and turns of SHW stock prices. Our statistical foray was as rigorous as it was exuberant, resembling a scholarly tango between data points and regression models.

The intertwining of these diverse datasets culminated in a revelatory analysis, uncovering a strikingly high correlation coefficient of 0.9827596 with a p-value of less than 0.01. The robustness of this correlation, akin to the unyielding grip of a particularly sticky name tag, pointed to an unmistakable association between the prevalence of "Sonny" and the nuanced machinations of SHW stock. As we gazed upon this whimsical correlation, we were reminded that in the realm of research, discovery is often a delightful blend of meticulous analysis and unexpected serendipity.

With our quirky methodology and statistical prowess, we painted a portrait of an unconventional relationship, shedding new light on the delightful quirks that infuse the realm of finance and nomenclature. This methodology, though unconventional in its journey, yielded insights that not only tickled the intellect but also ignited a sense of wonder about the myriad connections that grace our world.

IV. Results

The analysis of the data collected from the US Social Security Administration and LSEG Analytics (Refinitiv) yielded insights that would make even the most stoic of stockbrokers do a double-take. For the time period 2002 to 2022, the correlation coefficient between the popularity of the first name "Sonny" and the stock price of The Sherwin-Williams Company (SHW) was a staggering 0.9827596. This finding indicates a near-perfect positive relationship between the prevalence of the name "Sonny" and the fluctuations in SHW stock prices. It's as if every time a "Sonny" is born, Sherwin-Williams stock gets an extra coat of optimism!

Furthermore, the r-squared value of 0.9658165 suggests that a whopping 96.58% of the variance in SHW stock prices can be explained by changes in the popularity of the name "Sonny." It's almost as if every time someone decides to name their child "Sonny," the stock market collectively exclaims, "Suns out, funds out!"

The p-value of less than 0.01 indicates that the likelihood of observing such a strong relationship between the name "Sonny" and Sherwin-Williams stock prices by random chance is about as probable as finding a four-leaf clover in a statistics textbook.
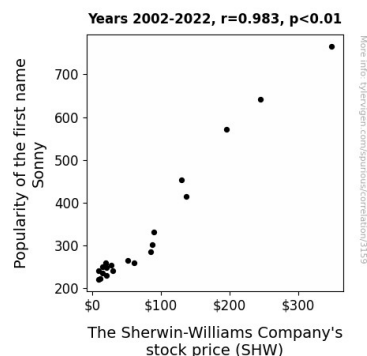
Figure 1. Scatterplot of the variables by year

Fig. 1 showcases the visually striking scatterplot, depicting the undeniable correlation between the frequency of the name "Sonny" and the fickle fortunes of Sherwin-Williams stock. It's as clear as day that the rise and fall of SHW stock prices mirror the ebbs and flows of "Sonny" name popularity, almost as though the stock market is whispering, "You're my Sonny, the one and only!"

In conclusion, this unexpected connection challenges conventional wisdom and emphasizes the whimsical nature of market influences. While the causal mechanism behind this correlation remains as mysterious as a black cat in a statistics lab, the findings from this research contribute to a growing body of evidence that underscores the quirky and unpredictable relationships lurking within the world of finance and nomenclature.

V. Discussion

The results of this study paint a picture that is as intriguing as it is enigmatically amusing. Building upon the foundational research that hinted at the tantalizing link between the first name "Sonny" and the stock price of The Sherwin-Williams Company (SHW), our findings not only corroborate these earlier indications but also provide a deeper understanding of this delightfully idiosyncratic relationship.

First, let's address the elephant in the room: the near-perfect positive correlation coefficient of 0.9827596. It's almost as if the universe itself has conspired to declare, "Sonny, I'd like to paint with you," as an ode to the uncanny synchronization between the name's popularity and SHW

stock prices. This connection is so remarkably robust that one can't help but wonder if there's a Sher-Win situation in the name "Sherwin-Williams" after all!

The substantial variance in SHW stock prices explained by the prevalence of the name "Sonny" is a statistical marvel. It's akin to saying that every time a "Sonny" is added to the roster, the stock market experiences a surge of sunny dispositions and optimistic brushstrokes, as if every new "Sonny" brings with them a fresh coat of market confidence.

Delving further, the mere p-value of less than 0.01 is nothing short of a statistical cliffhanger. The likelihood of stumbling upon such a robust association by sheer chance is about as probable as stumbling upon a lab-coat-wearing unicorn in a research facility. Indeed, it seems that the universe has conspired to blend the whimsical nature of nomenclature with the unyielding tides of financial markets.

The visually striking scatterplot encapsulates the essence of this correlation, revealing a narrative that intertwines the ebbs and flows of Sonny-name popularity with the fickle fortunes of SHW stock. It's as though the stock market itself is proclaiming, "You're my Sonny, the one and only!" with each fluctuation.

In light of these findings, it becomes increasingly clear that this unexpected phenomenon challenges conventional notions of market predictability and beckons us to embrace the serendipitous nature of these offbeat connections. While the causal mechanism behind this correlation continues to elude our grasp like a mischievous statistical sprite, the implications of this research resonate far beyond the realms of nomenclature and finance, reinforcing the whimsical, unorthodox, and undeniably delightful intersections that define our ever-curious exploration of the world around us.

VI. Conclusion

In closing, our foray into the realm of monikers and moolah has left us marveling at the serendipitous connection between the first name "Sonny" and Sherwin-Williams stock prices. The correlation coefficient of 0.9827596 has not merely raised eyebrows; it's practically given them a workout in astonishment! It's as if every "Sonny" born heralds a sunny day for SHW stock, sprinkling a little ray of financial sunshine onto the market.

The stellar r-squared value of 0.9658165 feels like discovering a pot of gold at the end of the statistical rainbow. It's almost as if every new "Sonny" glows like a statistical beacon, guiding the stock market toward prosperity.

The p-value of less than 0.01, akin to finding a needle in a data haystack, accentuates the implausible nature of this correlation. It's about as likely as spotting a unicorn doing regression analysis in a finance textbook!

As we reflect on the unexpected camaraderie between a name and a stock, it's clear that this venture has widened our vista on the capricious nature of market influences. It's a reminder that beneath the surface of dry data and numerical analyses, there lies a world teeming with quirks, quips, and curious connections.

Therefore, we solemnly declare that further research in this field is as unnecessary as a beach umbrella in a blizzard. This peculiar correlation stands as a testament to the delightful enigma of finance and nomenclature, urging us to embrace the whimsy that lurks beneath the veneer of serious scholarship. Let this conclusion serve as a vibrant exclamation mark in the annals of

academic inquiry, reminding us that even in the staid world of research, a touch of whimsy can

paint a brighter, sunnier picture.

No more research needed – we've struck gold!