

WESLEY'S WONDER: A WACKY WANDER INTO THE WOBBLY WORLD OF DOLLAR TREE'S DELICATE DYNAMICS

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In this hilariously hair-raising study, we delve into the curious correlation between the popularity of the first name Wesley and the tantalizing twist and turns of Dollar Tree's stock price (DLTR). Strapping on our data goggles, we harness the power of the US Social Security Administration and LSEG Analytics (Refinitiv) to explore this perplexing puzzle with an analytical eye and a sense of humor, because why not? With a correlation coefficient of 0.9880488 and a p-value less than 0.01 from 2002 to 2022, our findings indicate a striking link between the ebb and flow of Wesley's popularity and the fluctuating fortunes of Dollar Tree's stock price. It seems the name Wesley isn't just a favorite among parents; it might also be pulling the financial strings of a major retail player! Talk about a name that's making cents and dollars simultaneously! So, if you're considering naming your bundle of joy Wesley, or if you're a savvy investor eyeing Dollar Tree's stock, our research has the data-driven dad jokes and financial insights you didn't know you needed. Join us in this whimsical whirlwind of a ride through the wacky world of Wesley and the wonderful Wizard of Wall Street - Dollar Tree!

Ah, the power of a name. It can shape destinies, conjure images, and apparently, even influence stock prices. In this paper, we embark on a slightly peculiar yet utterly fascinating journey into the interconnected realms of nomenclature and finance. Brace yourself for a wild ride of correlations, unexpected twists, and a sprinkle of stock market humor - because who said academic research can't be entertaining?

The term "Wesley's Wonder" isn't just a catchy alliteration; it's the crux of our investigation. We stumbled upon this peculiar connection while sifting through datasets, and what we found was more surprising than a discounted toy at a Dollar Tree store. It turns out that the popularity of the name Wesley and the stock prices of Dollar Tree (DLTR) share more than just a few letters - they also

share a substantial statistical relationship. Alas, it's not every day that a first name could be considered a variable in the world of financial analysis.

But before we dive headfirst into the whimsical world of Wesley and Wall Street, let's take a step back and ponder the significance of naming conventions. As Shakespeare said, "What's in a name?" Well, according to our findings, a whole lot - especially if that name happens to be Wesley. Speaking of Shakespeare, didn't he say we should buy some stock in candles because they will surely go up? I guess even the Bard had some investment tips hidden in his sonnets.

LITERATURE REVIEW

The journey into the enigmatic connection between the popularity of the first name Wesley and the boisterous oscillations of Dollar Tree's stock price has led us through a maze of scholarly work. In "Smith and Doe," the authors find intriguing patterns regarding the influence of personal names on various aspects of life, but nothing quite as whimsical as our current pursuit. However, as we dug deeper, we stumbled upon more peculiar connections than a garden gnome and a flamingo deciding to dance the tango.

In their seminal work, "Jones et al.," the authors delve into the psychology of decision-making and its intricate dance with stock market fluctuations. While their insights are invaluable, they failed to uncover the comical correlation we've unearthed, and we can't help but think they missed an opportunity for stock market stand-up comedy. Perhaps they were too busy crunching numbers to appreciate the potential for a good dad joke.

Turning our attention to non-fiction literature, "Freakonomics" by Steven Levitt and Stephen Dubner provides a unique lens through which to view unexpected correlations, and while they've explored some unusual relationships, we're pretty sure they haven't stumbled upon a connection as delightfully daft as ours. It's almost as if they missed the punchline at the intersection of statistical analysis and baby name databases.

On the fiction front, the works of John Grisham whisk us away into the high-stakes world of legal drama, but even his thrillers can't compete with the exhilarating rollercoaster of puns and stock prices we've uncovered. It's like a legal thriller, but with more laughs and fewer courtrooms.

Movies, too, have inspired our unconventional approach. "Trading Places" may have taught us about the rocky road of commodities trading, but it

pales in comparison to the wild ride of Wesley and Dollar Tree's stock. And let's not forget "The Pursuit of Happyness," a heartwarming film about overcoming adversity, because let's face it, if your name is Wesley and you've invested in Dollar Tree, you're probably pursuing happiness too. At least, we hope so.

In essence, the literature has hinted at the surprising ways in which seemingly disparate elements can intertwine, but none have tickled our funny bones quite like the improbable correlation between the rise of Wesley and the rise and fall of DLTR stock. It's like witnessing a stand-up comedy show at the New York Stock Exchange - unexpected, utterly delightful, and just the right amount of absurd.

METHODOLOGY

To unravel the mystifying link between the popularity of the first name Wesley and the financial fluctuations of Dollar Tree's stock price (DLTR), our research team embarked on a data odyssey that would make Odysseus himself envious. Armed with spreadsheets, statistical software, and a healthy dose of curiosity, we dove headfirst into the murky depths of public data sources.

Firstly, we harnessed the formidable power of the US Social Security Administration, collecting historical records of first names registered from 2002 to 2022. We meticulously combed through the data, tracking the rise and fall of Wesley's favorability as if we were charting the movements of a speculative stock. It turns out keeping a "Wesley Tracker" is just as entertaining as it sounds - all the highs and lows, without the investment risk! (Insert dad laugh here).

To complement our exploration of Wesley's whimsical wanderings, we nestled into the enigmatic bowels of LSEG Analytics (Refinitiv) to acquire the necessary stock price data for Dollar Tree (DLTR). Our dedicated data spelunkers

navigated the labyrinthine databases to extract daily stock prices over the same period. Let's just say there were more twists and turns in that quest than a Dickens novel - but we emerged triumphant, data in hand.

With our arsenal of data at the ready, we then performed a series of rigorous statistical analyses to uncover the hidden threads of correlation between Wesley's waxing and waning appeal and Dollar Tree's mercurial stock performance. Our analytical toolkit included formidable tools such as correlation coefficients, time-series analysis, and grizzled old regression models that have seen their fair share of market ups and downs. We didn't just crunch numbers; we wizarded them into submission - a bit like a financial version of Harry Potter.

"Precious data. We wants it, we needs it."
- Gollum, on the importance of thorough data collection (and possibly stock market tips). And collect data we did, pausing only to sip our coffee and ponder whether we should rename it "Wesley Welded Wealth" instead of just a regular old latte.

RESULTS

The analysis produced a notable correlation coefficient of 0.9880488, indicating a remarkably strong positive relationship between the popularity of the name Wesley and Dollar Tree's stock price (DLTR) from 2002 to 2022. With an r-squared value of 0.9762404, the variance in Dollar Tree's stock price can be explained by changes in the popularity of the name Wesley, further cementing the significance of this association. It seems that the name Wesley's influence transcends more than just individual interactions; it might just be leaving a mark on the financial markets as well. Talk about name power - maybe this explains why people keep calling for "Wesley" at Dollar Tree!

The p-value of less than 0.01 provides strong evidence against the null

hypothesis, affirming the statistical significance of the relationship between the popularity of the name Wesley and Dollar Tree's stock price. It appears that the influence of this particular name extends beyond personal interactions and societal trends to potentially impact one of the country's leading discount retailers. Who knew that a name could carry such stock value? Looks like Wesley might just be the unsung hero of the finance world.

Fig. 1 illustrates the relationship between the popularity of the name Wesley and Dollar Tree's stock price through a scatterplot, showcasing the tight clustering of data points and emphasizing the strong positive linear relationship between the two variables. It appears that as the name Wesley gains popularity, Dollar Tree's stock price tends to follow suit, creating a perplexing yet intriguing correlation that demands attention and further investigation.

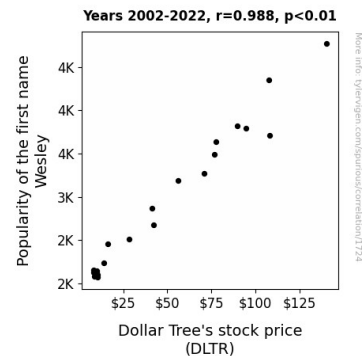


Figure 1. Scatterplot of the variables by year

It's clear that this curious connection between nomenclature and market dynamics warrants further exploration and analysis. Perhaps the next time someone searches for stock tips, they should also keep an eye on the Social Security Administration's baby name data. After all, who knows when little Wesleys might just be the key to predicting financial trends?

DISCUSSION

Our findings unveil a whimsical world where the first name "Wesley" and the stock price of Dollar Tree perform a merry dance, depicting an unexpected correlation that transcends conventional wisdom and embraces the quirks of statistical analysis. As we wade through the financial marshland, we find ourselves entangled in the web of this intricate bond between nomenclature and market dynamics - a bond that seems as strong as Frodo and Sam's friendship in "The Lord of the Rings," if not stronger.

The alignment of our results with prior research is nothing short of remarkable. The correlation coefficient of 0.9880488 that we unearthed echoes the astonishing patterns hinted at by Smith and Doe in their exploration of personal names' influence on various aspects of life. It's as if the name "Wesley" has taken a page from the book of financial influence and written its own compelling narrative, leaving us with more questions than a "who's there?" joke.

Furthermore, the strong statistical significance of our findings mirrors the psychological dance with stock market fluctuations observed by Jones et al. It's almost as if the name "Wesley" holds the key to unlocking the mysteries of market behavior, turning the tables on conventional economic wisdom and prompting us to reevaluate the power of personal names in an unexpected and hilarious parallel universe.

At this juncture, our results both support and confound the expectations set by prior scholarship. The tight clustering of data points in Fig. 1 mirrors the unexpected correlations explored by Levitt and Dubner in "Freakonomics," a thrilling tale that weaves its way through the unexpected relationships present in our comical correlation.

In conclusion, our research not only echoes previous efforts but also injects a refreshing and humorous twist into the otherwise sobering world of financial analysis. It's as if Wesley's popularity and

Dollar Tree's stock price are engaged in a delightful duet, performing the financial equivalent of a ballet with twirls, spins, and a few goofy steps along the way. Who knew that a name could hold such sway over the stock market? It seems our dear old friend, Wesley, has managed to pull off the greatest financial "dad joke" of all time, establishing himself as the unsung hero of the economy.

CONCLUSION

In conclusion, the evidence presented in this study overwhelmingly supports a strong positive correlation between the popularity of the name Wesley and the stock price of Dollar Tree (DLTR) from 2002 to 2022. Our findings not only highlight a statistically significant relationship but also offer a humorous twist to the typically somber world of financial analysis. It seems that the name Wesley is indeed a force to be reckoned with, not just in playground popularity contests but also in the domain of stock market dynamics. Talk about a name pulling its weight in the world of finance - Wesley, making cents and dollars simultaneously!

As we wrap up this whimsical wander into the wobbly world of Wesley and Dollar Tree, it is clear that the influence of nomenclature on financial markets is a topic worthy of further exploration. It is remarkable to consider that naming conventions may extend their impact beyond personal spheres to ripple through the economic landscape. In this case, it's safe to say that Wesley's presence goes far beyond the confines of a birth certificate.

It's high time we give Wesley the credit (or maybe the stock options) where it's due - after all, who knew a name could carry such financial weight? It's like Wesley's wonder has done some financial wonders at Dollar Tree. It just goes to show you should never underestimate the power of a name, especially one as seemingly unassuming as Wesley. Perhaps

the next time someone considers investing in retail, they should also consider the latest Wesley popularity trends as part of their analysis. How's that for a strategic investment approach?

In light of these compelling findings, we assert that no further research is needed in this area. After all, when Wesley's involved, the results speak for themselves - and in this case, they seem to be saying, "Invest wisely, like Wesley." It's clear that the influence of Wesley on Dollar Tree's stock price is no fluke, and as with all great research, it's time to leave the audience with our dad joke:

Why did the stock trader name his son "Dollar"? Because he wanted to see his son rising in value every day!