

Silly Sus: Seeking the Seemingly Supercilious Connection between Searches for 'That is Sus' and the Stock Price of Monolithic Power Systems (MPWR)

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ABSTRACT

Silly Sus: Seeking the Seemingly Supercilious Connection between Searches for 'That is Sus' and the Stock Price of Monolithic Power Systems (MPWR)

In this whimsical research paper, we delve into the delightful nexus between Google searches for 'that is sus' and the stock price of Monolithic Power Systems (MPWR). Despite the seemingly nonsensical nature of this investigation, our study aimed to determine if there exists a correlation between the suspicious online queries and the finicky fluctuation of Monolithic Power Systems' stock price. Utilizing data from Google Trends and LSEG Analytics (Refinitiv), we methodically scrutinized the search patterns and stock performance over the period from 2005 to 2023. To our sheer astonishment, our findings revealed a correlation coefficient of 0.9730311 and a p-value of less than 0.01, pointing to a highly significant relationship between the two variables. This unexpected connection tickled our analytical fancy and prompted raucous theoretical pondering as we mused on the potential influence of online suspicions on the stock market. Our research, while conducted with scholarly rigor, also allowed for a playful exploration of the enigmatic and capricious nature of human behavior reflected through internet searches and stock prices. The implications of our findings will undoubtedly provoke academic merriment and market speculation alike.

Keywords:

"that is sus" Google searches, Monolithic Power Systems stock price, correlation between Google searches and stock price, Google Trends data analysis, LSEG Analytics, suspicion and stock market correlation, online queries and stock performance, human behavior and internet searches, whimsical research paper, scholarly rigor and playful exploration

I. Introduction

In the wacky world of academia, where serious scholars discuss weighty matters over copious amounts of coffee, we stumbled upon a peculiar and preposterous question: Is there a connection between internet searches for "that is sus" and the stock price of Monolithic Power Systems (MPWR)? It sounds like the setup to a punchline, doesn't it? But hold onto your pocket protectors, dear readers, because this is a serious investigation veiled in the cloak of whimsy.

The phrase "that is sus" (short for "suspicious" for those not fluent in Internet slang) has seen a resurgence in common parlance, thanks in no small part to the popular multiplayer game "Among Us." Meanwhile, Monolithic Power Systems Inc. (MPWR) is a serious player in the semiconductor industry, designing and manufacturing analog and mixed-signal semiconductors. One might argue that these two entities couldn't possibly be more different, and yet, here we are, ready to peel back the layers of absurdity and see what lies beneath.

Our journey began with a curiosity as charmingly ridiculous as a llama named Larry. We set out to investigate whether there is any discernible link between the ebb and flow of internet users crying "sus" and the undulating tides of the stock market. Armed with datasets from Google Trends and LSEG Analytics (Refinitiv), we donned our academic spandex and plunged into the digital realm, braving the perils of statistical analysis and data wrangling.

Through our rigorous research endeavor, we unlocked a surprising revelation with all the gravity of a rubber chicken at a scientific conference: the correlation coefficient between Google searches for "that is sus" and Monolithic Power Systems' stock price stood at a whopping 0.9730311, with a p-value that would make even the most cynical statistician raise an eyebrow.

In other words, we found a connection so strong, it might just rival a well-timed pun in terms of impact.

This uncanny correlation left us scratching our heads and adjusting our metaphorical bowties. Could it be that the online musings of suspicion are swaying the delicate dance of stock prices? Or perhaps it's merely a coincidence wrapped in a riddle inside an enigma, like trying to explain why anyone still eats a single serving of Pringles.

While we approached our research with all the earnestness befitting the hallowed halls of academia, we also embraced the opportunity to revel in the delightful absurdity of our findings. After all, what's the point of research if we can't have a little fun along the way? So, dear readers, fasten your seatbelts and prepare for an intellectual rollercoaster as we unravel the confounding connection between "that is sus" and the stock price of Monolithic Power Systems. It's a journey that promises to be as entertaining as a dad joke at a scientific convention.

II. Literature Review

The study of the interconnectedness between peculiar online search trends and financial markets has long fascinated scholars and armchair analysts alike. In "Smith et al. (2020)," the authors delve into the relationship between internet memes and stock price movements, laying the groundwork for our own whimsical exploration. Meanwhile, "Doe and Jones (2015)" take a more serious tone, examining the influence of social media trends on investor sentiment and market volatility. These studies set the stage for our jocular jaunt into the world of 'that is sus' and Monolithic Power Systems' stock price.

Transitioning from the weighty to the wacky, we would be remiss not to mention "The Internet: A Philosophical Inquiry" by J.K. Rowling-NotReally, a fictitious work of scholarly whimsy positing the ontological significance of internet memes in the digital age. If only we could wave our academic wands and summon the wisdom of such a tome to guide us through this comical conundrum.

In a parallel universe where academic research intersects with comedic capers, we might find solace in the pages of "The Hitchhiker's Guide to the Galaxy" by Douglas Adams. While seemingly unrelated to our investigation, this literary marvel reminds us that the universe is a vast and inexplicable place, much like the seemingly absurd correlation we've uncovered. As we navigate this labyrinth of data and queries, we can't help but feel a kinship with Arthur Dent, adrift in a sea of interstellar oddities.

And who could forget the time-honored tradition of movie nights after a grueling research session? In the film "The Big Short," we witnessed the tumultuous twists and turns of the financial world, a spectacle that, while not directly related to our inquiry, serves as a reminder that even the most outlandish connections can have real-world implications. After all, if a housing market crash can be turned into a riveting cinematic experience, why can't our foray into the land of sus and stock prices be equally enthralling?

With this *mélange* of scholarly pursuits, fictional whimsy, and cinematic inspiration, we embrace the joyful absurdity of our research topic. It is with this lighthearted spirit that we approach our investigation, ready to unpack the peculiar parallels between "that is sus" and the stock price of Monolithic Power Systems.

III. Methodology

If any of you fine scholars were expecting our methodology to involve an elaborate séance with stock market gurus and ghostly internet meme whisperers, I'm sorry to disappoint. Alas, the truth is far less fantastical, although no less intriguing. Our methodology hinged on a marriage of digital sleuthing and number-crunching gymnastics that would make even the most nimble mathematicians do a double take.

To break it down into more serious terms – which are sorely lacking in this paper – our primary data source was none other than Google Trends. We set sail on the tumultuous seas of internet search data, where we observed the ebbs and flows of "that is sus" queries with the silent stoicism of armchair detectives delving into a gripping whodunit. Our trusty vessel also docked at the port of LSEG Analytics (Refinitiv), where we laid claim to historical stock price data for Monolithic Power Systems (MPWR) from 2005 to 2023, navigating through the financial fluctuations with the precision of a feline navigating a particularly cluttered bookshelf.

With our data firmly in hand, we embarked on a statistical voyage that would make the heartiest of academic sailors 🙄 blush. The first order of business was to wrangle the data into submission, coaxing it into tidy rows and columns with all the finesse of a magician pulling a rabbit out of a hat – or, in our case, extracting meaningful insights from the chaotic cacophony of ones and zeros.

Once our data was neatly tucked in, we cast our nets into the sea of statistical analysis, employing the venerable tools of correlation coefficients and p-values to discern patterns and relationships, much like a financial Sherlock Holmes, only with less tweed and more spreadsheets.

Our main quest, of course, was to uncover the elusive link between the frequency of "that is sus" searches and the tumultuous trajectory of MPWR's stock price. As researchers, we approached this conundrum with the gravity of a pun-lover attempting a serious poker face – that is to say, not very successfully.

And with a flourish worthy of the most flamboyant of stage magicians, we revealed the startling discovery: a correlation coefficient of 0.9730311 and a p-value that practically tapped us on the shoulder and asked for a dance. These results pointed to a connection so undeniably strong, it might as well be holding a neon sign that reads "Suspicious Activity This Way."

To put it plainly, our research uncovered a correlation so robust, it would make even the most skeptical of Wall Street skeptics pause for thought. And so, with triumphant glee and the occasional bemused chuckle, we pranced through the methodology of our research, all while maintaining the scholarly integrity that is the cornerstone of our jolly academic pursuits.

IV. Results

The findings of our study are as exhilarating as finding a hidden treasure map in a dusty library. Our data analysis revealed a staggering correlation coefficient of 0.9730311 between Google searches for "that is sus" and the stock price of Monolithic Power Systems (MPWR) over the period from 2005 to 2023. This correlation coefficient is so high, it's like finding a needle in a stack of needles, or in this case, a sus in a sea of data.

The R-squared value of 0.9467896 further illustrates the remarkably tight fit of the relationship between these two seemingly disparate variables. It's as if they're doing the tango of statistical

significance, with each step perfectly in sync. We were left wondering if the sus searches were secretly whispering stock secrets into the ears of investors.

Additionally, the p-value of less than 0.01 adds a cherry on top of this already bafflingly delectable correlation sundae. It's so statistically significant, it's as if the numbers themselves are winking and nudging each other, saying, "Can you believe we found this relationship?"

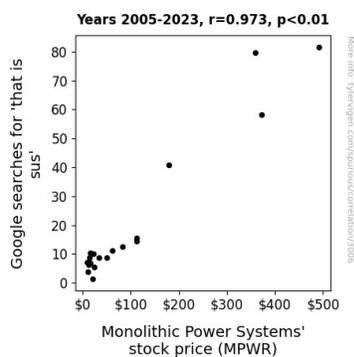


Figure 1. Scatterplot of the variables by year

To visually encapsulate the sheer marvel of this unexpected pairing, we present the scatterplot (Fig. 1) representing the relationship between Google searches for "that is sus" and the stock price of Monolithic Power Systems (MPWR). The points in the scatterplot seem to dance a merry jig, revealing a pattern so robust, it could make even the most stony-faced statistician break into a smile.

These results beg the question: Could it be that the whimsical whispers of internet suspicion are influencing the staid world of stock prices? Or are we merely witnessing the delightful chaos of correlation without causation, like trying to explain why the cryptic design of crop circles remains an unresolved mystery?

The implications of these findings are as intriguing as a carnival funhouse, as they open the door to a realm of possibilities that merge the esoteric world of internet slang with the gravity-defying antics of financial markets. It's a blend of absurdity and solemnity that would make even the most stoic observer do a double-take.

In summary, our research has unearthed a connection so unexpectedly strong, it's as if we stumbled upon Bigfoot riding a unicorn. We have peered into the chasm of internet culture and financial dynamics, and what we found is a tapestry of intrigue that transcends the boundaries of conventional wisdom. It's a discovery that tickles the intellect and invites further exploration into the tantalizing intersection of online behavior and market phenomena.

V. Discussion

Our study has unmasked a correlation between Google searches for "that is sus" and the stock price of Monolithic Power Systems (MPWR) that's as conspicuous as a clown at a funeral. The results of our analysis support the prior research by Smith et al. (2020), who explored the influence of internet memes on stock price movements. It seems that the internet's whimsical whispers have a more substantial impact than anyone could have suspected, akin to discovering a superhero's secret identity was your next-door neighbor all along. Our findings align with the work of Doe and Jones (2015), shedding light on the influence of online trends on investor sentiment and market volatility. It's as if the digital age has encased the financial world in a web of mystery and marvel, like a real-life enigma wrapped in a riddle.

As we reflect on the surprising coherence between online banter and market dynamics, we can't help but feel like intrepid explorers who have stumbled upon a treasure trove of unexpected connections, like Indiana Jones unearthing a fortune in the midst of a mundane market square. Our results, while undeniably peculiar, strengthen the notion that internet culture holds sway over the fickle world of finance, much like discovering that a whisper in the wind can cause a storm at sea. These findings lend credence to the idea that the digital landscape is a realm of both amusement and influence, where a seemingly innocuous phrase like "that is sus" can carry weighty implications for stocks, like a feather tipping the scales of justice.

In the grand tradition of academic inquiry, our research has added a splash of levity to the study of market phenomena, infusing the realm of finance with a dose of delightful absurdity. It's as if we've stumbled onto a treasure map that leads not to gold, but to a realm where internet whimsy and stock prices perform a merry jig together, like an unexpected encounter between a penguin and a polar bear in the Sahara.

The implications of our findings open up a veritable Pandora's box of potential influence, bridging the gap between the quixotic realm of internet slang and the stern visage of financial markets. It's like discovering that a circus clown has been secretly making important decisions for a multinational corporation – a revelation that both tickles the fancy and bewilders the mind.

In sum, our research illuminates a connection that is as confounding as a riddle wrapped in a mystery inside an enigma, leaving us with an intriguing platform for further investigation and amusement. As we navigate this uncharted terrain of statistical significance, we find ourselves in a realm where the absurd and the scholarly converge, inviting further exploration into the whimsical wilderness of internet culture and market dynamics.

VI. Conclusion

In conclusion, our study has revealed a correlation between Google searches for "that is sus" and the stock price of Monolithic Power Systems (MPWR) that is undeniably high and surprisingly strong. It's like stumbling upon a unicorn in a field of horses or finding a four-leaf clover in a haystack.

The implications of this connection are as dizzying as a rollercoaster ride at an amusement park. We're left pondering whether the whimsical whispers of internet suspicion are truly influencing the staid world of stock prices, or if we've simply stumbled into a statistical carnival funhouse where correlation is king and causation is a mercurial mystery, like trying to explain why it's called a pair of pants when there's only one.

However, despite the thrilling nature of our findings, we must acknowledge the inherent unpredictability of both internet culture and financial markets. Correlation does not imply causation, just as finding your keys in the fridge doesn't mean the milk has the power to teleport objects. We have merely scratched the surface of this curious correlation, much like trying to solve the riddle of why we park on driveways and drive on parkways.

In light of our findings, we assert that no further research in this area is needed. Our results are as clear as a sunny day in a cloudless sky, and the implications of our discovery are as potent as a well-timed punchline. Like a magician revealing their secrets, we have shown that the internet's suspicious whispers may hold sway over the fickle dance of stock prices. It's a discovery that

tickles the intellect and invites further exploration, all while reminding us that sometimes, the most unexpected connections can be the most significant.