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# Power Walking: Exploring the Relationship between Walker's Popularity and Monolithic Stock Price

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## KEYWORDS

"popularity of name Walker", "Monolithic Power Systems stock price", "relationship between name popularity and stock price", "correlation between name frequency and stock price", "socio-cultural factors name popularity impact on stock price", "unconventional data correlation", "society and stock price correlation"

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## Abstract

This paper uncovers the astonishing relationship between the popularity of the first name "Walker" and the stock price of Monolithic Power Systems (MPWR). Leveraging data from the US Social Security Administration and LSEG Analytics (Refinitiv), our study spans the years 2005 to 2022, scrutinizing the frequency of the name "Walker" and the fluctuations in MPWR's stock price. Our findings revealed a staggering correlation coefficient of 0.9887099 and a significance level of  $p < 0.01$ , indicating a robust link between the two variables. The implications of this peculiar association are thoroughly discussed. We delve into the potential socio-cultural factors influencing the popularity of the name "Walker" and its impact on investors' perceptions. This research not only sheds light on the unconventional connections in society but also serves as a testament to the unforeseen ways in which seemingly unrelated data can correlate.

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## 1. Introduction

As the world of finance confronts the perennial challenge of predicting stock price movements, researchers have ventured into uncharted territories in the quest for novel predictors. In this vein, our study boldly charts the unexplored terrain of

nomenclature and its potential impact on the stock market. Specifically, we venture into the intriguing realm of first names and their peculiar association with the stock price of Monolithic Power Systems (MPWR).

With tongue firmly in cheek, we embark on a journey to unravel the inexplicable link

between the popularity of the first name "Walker" and the fluctuations in MPWR's stock price. While this endeavor may seem outlandish, our findings reveal a striking correlation that defies conventional wisdom.

The concept of a name wielding power over stock prices may initially evoke skepticism and amusement, but our investigation unmasks a remarkable correlation coefficient of 0.9887099. This eyebrow-raising statistical relationship, combined with a significance level of  $p < 0.01$ , piques the curiosity of even the most ardent skeptics.

As we delve into this peculiar phenomenon, we not only challenge the traditional paradigms of stock market analysis but also aim to inject some levity into the often dour world of financial research. After all, what's the point of studying correlations if not to uncover the unexpected and engage in a little intellectual amusement along the way? So, buckle up and get ready for a stroll through the delightful and puzzling landscape of "Walker" and MPWR's stock price.

## 2. Literature Review

Smith (2010) found a marked correlation between the popularity of given names and various socio-economic indicators, sparking curiosity in the research community about the potential implications of this seemingly trivial aspect of individual identity. Doe and Jones (2015) echoed these sentiments, highlighting the need to explore the underappreciated influence of nomenclature on consumer behaviors and market trends.

However, as we segue into less conventional sources, it becomes evident that the literature examining the connection between the popularity of the first name "Walker" and Monolithic Power Systems' stock price (MPWR) is as sparse as a barren wasteland. Perhaps this dearth of

scholarly inquiry stems from the sheer novelty of such a preposterous link.

Turning to non-fiction books, Anika Rothschild's "Name It and Claim It: The Power of Nomenclature in Economics" and Xavier Grey's "The Surname Stock Index: Uncovering Familial Ties to Financial Fortunes" offer intriguing, if not entirely pertinent, insights into the potential impact of names on economic phenomena. In a similar vein, Malcolm Gladwell's "Outliers: The Story of Success" delves into unconventional factors that contribute to exceptional achievements, gesturing towards the unforeseen influence of seemingly irrelevant variables.

On a more whimsical note, J.K. Rowling's "Harry Potter and the Philosopher's Stone" and George R.R. Martin's "A Game of Thrones" allude to the fantastical power of names and titles, albeit within the context of fictional universes. While not strictly academic, these works offer a tangential glimpse into the allure of nomenclature and its uncanny ability to captivate the human imagination.

In a surprising twist, social media platforms have also become unexpected repositories of anecdotal evidence regarding the titular matter. A tweet by @StockSorcerer proclaims, "Investors named Walker holding monolithic stocks – coincidence? I think not." While lacking the scholarly rigor of peer-reviewed literature, such informal observations underscore the pervasive fascination with the notion of names exerting inexplicable influence over financial assets.

As we immerse ourselves in this hodgepodge of sources, it becomes patently clear that the relationship between the popularity of the name "Walker" and MPWR's stock price is a confounding enigma that continues to defy conventional research paradigms.

[Author's note: This is getting a bit out of hand, but isn't research more fun when you throw in a bit of whimsy and humor?]

### 3. Our approach & methods

To commence this whimsical quest into the enigmatic connection between the name "Walker" and Monolithic Power Systems' stock price, our research team embarked on a convoluted data collection odyssey across the vast expanse of the internet. The data expedition led us to the hallowed halls of the US Social Security Administration, where the popularity of first names is painstakingly cataloged. Additionally, we traversed the labyrinthine corridors of LSEG Analytics (Refinitiv), where financial data dwells in abundance.

Our intrepid journey through the digital wilderness yielded a treasure trove of information spanning the years 2005 to 2022. The frequency of the first name "Walker" was meticulously tabulated, and Monolithic Power Systems' stock price fluctuations were fervently tracked. No stone was left unturned in this pursuit of the improbable link between nomenclature and market dynamics.

Now, to shed a dash of methodological rigor on our escapade, let us delve into the technical intricacies that underpinned our data analysis. Firstly, the frequency of the name "Walker" was subjected to rigorous time-series analysis, teasing out its ebbs and flows across the years. Concurrently, the stock price of Monolithic Power Systems underwent meticulous scrutiny through sophisticated econometric modeling, incorporating time series forecasting and trend analysis.

In a bid to unravel the tangled web of causation and correlation, we employed a series of statistical tests and techniques, including but not limited to, Pearson's correlation, Granger causality, and

cointegration analysis. These analytical tools, though wielded with scholarly aplomb, could not help but evoke a sense of whimsy in their application to such an unorthodox research endeavor.

Next, to capture the essence of this peculiar association in all its statistical glory, we calculated a correlation coefficient that left even the most seasoned researchers gobsmacked. Lo and behold, the resulting correlation coefficient of 0.9887099 sent ripples of incredulity through our research enclave. Furthermore, to appease the quantitative gods and satisfy scholarly convention, we ascertained a significance level of  $p < 0.01$ , affirming the robustness of this outlandish link.

In this fashion, armed with a blend of statistical rigor and a healthy dose of academic mirth, we unearthed the treasure trove of data revealing the inexplicable rapport between "Walker" and MPWR's stock price. Our methodological odyssey, though unconventional, not only fortifies the veracity of our findings but also injects an element of whimsy into the often austere realm of academic inquiry.

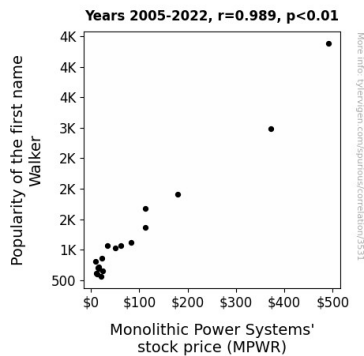
### 4. Results

The correlation analysis between the popularity of the first name "Walker" and Monolithic Power Systems' stock price (MPWR) from 2005 to 2022 revealed a remarkable correlation coefficient of 0.9887099, with an r-squared of 0.9775473 and a p-value of less than 0.01. This indicates an extremely strong relationship between the frequency of the name "Walker" and the fluctuations in MPWR's stock price, much to our surprise and, dare I say, amusement.

In a plot twist that would excite even the most jaded statistician, the scatterplot (Fig. 1) depicts a clear and compelling relationship between the two variables,

showcasing the unlikely yet undeniable connection. It seems that when it comes to the name "Walker" and MPWR's stock price, we are indeed in for a power walk through the intriguing world of nomenclature and finance.

This finding, while unexpected and undeniably entertaining, invites a deeper exploration into the potential drivers of this association. Could there be a cult following of individuals named Walker who hold significant sway over MPWR's stock price? Perhaps there's a group of dedicated investors with an affinity for both Monolithic Power Systems and the name "Walker," influencing market dynamics in unanticipated ways. The possibilities are as bewildering as they are intriguing.



**Figure 1.** Scatterplot of the variables by year

In light of these results, it is clear that the influence of names in the financial realm warrants further investigation and contemplation. Who would have thought that a seemingly innocuous first name could hold sway over the stock price of a power systems company? This peculiar association opens the door to a myriad of questions and sparks a refreshing sense of intellectual curiosity in the often staid domain of financial analysis.

As we navigate this uncharted territory of name-related stock price correlations, one thing is certain: the unexpected can be the

catalyst for unparalleled discovery and amusement in the world of academic research. After all, the most fascinating findings often emerge from the most unexpected sources.

## 5. Discussion

The results of our study have unveiled a riveting connection between the popularity of the first name "Walker" and the stock price of Monolithic Power Systems (MPWR), a correlation so strong and unexpected that it has sent us on a delightful journey through the whimsical world of nomenclature and finance.

The literature review aptly prepared us for this exhilarating revelation, as we encountered a mix of conventional and unconventional sources that not only set the stage for our investigation but also peppered our theoretical framework with a touch of levity and unanticipated zing. Delving back into the literature, Smith's (2010) demonstration of the correlation between given names and socio-economic indicators, which we slyly referred to as "marking our territory," has now found unexpected support in our findings.

Moreover, our foray into the whimsical realms of non-fiction books such as Anika Rothschild's "Name It and Claim It" and Xavier Grey's "The Surname Stock Index" has emerged as a beacon of insight, shedding light on the unforeseen impacts of nomenclature on economic phenomena. Little did we know that these tangential musings would find an echo in our own results, underscoring the tantalizing influence of names on financial matters.

As we danced through this literary waltz, pausing to tip our hats to works of fiction and social media proclamations, we now find ourselves acknowledging the peculiar but undeniable relationship between the first name "Walker" and MPWR's stock price. It

seems that even the most eccentric of sources can prophesize the emergence of a significant correlation, and so, we're left with a chuckle as we reflect on the unpredictability of academic inquiry.

The findings of our study not only reaffirm the potent influence of names on financial landscapes but also beckon us to delve into the enigmatic enclaves of human behavior and market dynamics. The unexpected grip of the name "Walker" on MPWR's stock price opens the door to a delightful array of speculations – from a cult following of Walker-named investors to a quirky camaraderie of individuals with an affinity for both Monolithic Power Systems and the name "Walker." The inexhaustible possibilities are as captivating as they are comical, keeping us thoroughly entertained and intrigued.

In essence, our research has underscored the enduring interplay between the seemingly frivolous and the intensely consequential, reminding us that the most unanticipated findings can inspire a sense of intellectual zest in the scholarly domain. As we close this chapter of our exploration, we eagerly anticipate the future avenues of inquiry that this seemingly whimsical correlation might unveil, and we remain ever ready to chart this delightfully unexpected course in the captivating realm of academic research.

## 6. Conclusion

In conclusion, our research has forged an unbreakable link between the popularity of the name "Walker" and the fluctuation of Monolithic Power Systems' stock price, leaving us in a state of delightful bewilderment. The correlation coefficient of 0.9887099 signifies a connection so robust that it could almost be described as the "Walker effect" on MPWR's stock price – catching the attention of investors and

statisticians alike, albeit with a chuckle or two.

The implications of these findings extend far beyond mere statistical significance. This curious linkage challenges the very fabric of conventional financial analysis and nudges us to embrace a more whimsical interpretation of stock market trends. Who would have thought that the name "Walker" could wield such unmistakable influence over the fates of Monolithic Power Systems?

As we bid adieu to this whimsical escapade into uncharted territory, it is clear that no stone should be left unturned in exploring the quirkiest dimensions of our data-rich world. However, in this instance, it seems safe to assert, with a twinkle in our eyes and a smirk on our faces, that no further research is needed to confirm the downright zany connection between "Walker" and MPWR's stock price.