

# **The Karson Effect: Exploring the Correlation Between Name Popularity and RTX Corp's Stock Price**

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## **ABSTRACT**

### **The Karson Effect: Exploring the Correlation Between Name Popularity and RTX Corp's Stock Price**

This paper delves into the intriguing relationship between the popularity of the first name Karson and the stock price of RTX Corp. By employing data from the US Social Security Administration and LSEG Analytics (Refinitiv), our research team scrutinized the years 2002 to 2022 and uncovered a striking correlation coefficient of 0.9035622 with  $p < 0.01$ . Join us on this whimsical academic journey as we unravel the unexpected connections between a name and a stock, and consider the implications for future financial forecasts and baby-naming trends.

Keywords:

Karson name popularity, RTX Corp stock price, correlation, US Social Security Administration data, LSEG Analytics, Refinitiv, stock price correlation coefficient, financial forecasts, baby-naming trends

# I. Introduction

The whimsical world of academic research has led us down an unexpected path, as we embark on the exploration of the "Karson Effect." While the financial markets and baby-naming trends may seem worlds apart, our inquiry has unveiled a striking correlation between the two. In this study, we examine the curious relationship between the popularity of the first name "Karson" and the stock price of RTX Corp, much to the amusement of our colleagues in the scientific community.

As we wade through the sea of data provided by the US Social Security Administration and LSEG Analytics, we are reminded of the old adage: "laughter is the best medicine, unless you're conducting empirical research, then it's the correlation coefficient." Nevertheless, our laborious efforts have borne fruit, as we have uncovered a correlation coefficient of 0.9035622, causing us to raise our eyebrows as if we were in desperate need of a quick eyebrow workout.

The lively banter among our research team prompted the consideration of various hypotheses, ranging from the "Karson Karma" theory to the "RTX Ripple Effect." These tongue-in-cheek concepts have added a touch of levity to our investigation, which traditionally may have been deemed as dry as unbuttered toast.

With statistical significance at  $p < 0.01$ , we are left to ponder whether the "Karson Effect" is merely a statistical oddity, or if there exists a genuine interaction worthy of further exploration. Our findings have left us in a state of bemusement, questioning whether there may be hidden variables at play or if we simply stumbled upon a statistical serendipity.

As we delve into the depths of this peculiar correlation, we invite our esteemed colleagues to join us on this light-hearted academic journey. Together, let us unravel the threads that intertwine the world of baby-naming trends and the ebb and flow of stock prices, and consider the implications for financial forecasting and naming conventions. It is our hope that this unexpected connection will not only entertain but also inspire further investigations into the unexplored intersections of seemingly unrelated variables.

## II. Literature Review

The literature review aims to synthesize the existing body of work related to the unexpected correlation between the popularity of the first name "Karson" and the stock price of RTX Corp. The authors find that the investigation into this whimsical connection has spurred much discourse and mirth within the academic community.

Smith et al. (2010) extensively studied the influence of names on individual perceptions and behaviors. Their findings suggest that individuals with more unique names may experience distinct social interactions and self-perceptions. Conversely, individuals with common names may blend into the background or face anonymity, much like a certain stock in a bustling market.

Doe and Jones (2015) delved into the psychological effects of stock prices on individuals. Surprisingly, they observed that certain names were associated with more positive or negative reactions to fluctuations in stock prices. However, little did they know that one specific name, "Karson," would become a focal point of financial analysis and bring joy to the hearts of researchers.

In "Freakonomics" (Levitt & Dubner, 2005), the authors craft engaging discussions on unconventional correlations. Some may wonder if the "Karson Effect" is simply a chapter waiting to be written in the next edition, as it challenges conventional wisdom and tickles the fancy of econometric enthusiasts.

Turning to the realm of fiction, "The Name of the Wind" (Rothfuss, 2007) explores the power of names and the impact they hold in shaping destinies. Perhaps it is not too outlandish to consider that the name "Karson" could hold some intangible influence on the fluctuations of RTX Corp's stock price, akin to the mysterious forces at play in a fantasy novel.

When considering the unexpected intersections of seemingly unrelated variables, one cannot help but draw inspiration from games like "Monopoly," where players invest in properties and navigate the highs and lows of the housing market. Is the "Karson Effect" a akin to a Chance card in the game of stock trading, bringing luck or calamity to those who dare to pronounce the name with a hint of jest or skepticism?

As the investigation into the "Karson Effect" unfolds, it is evident that the academic community may find respite from the mundanity of traditional correlations and discover the joy of examining peculiar connections that inspire laughter, intrigue, and a touch of whimsy.

### **III. Methodology**

The convoluted but meticulously orchestrated methodology of this study involved a multi-faceted approach to capture the elusive correlation between the popularity of the first name "Karson" and the stock price of RTX Corp. Our data, sourced from the US Social Security

Administration and the labyrinthine depths of LSEG Analytics (Refinitiv), spanned the years 2002 to 2022.

In an attempt to encapsulate the essence of name popularity, we engaged in the arduous task of sifting through seemingly endless birth records and meticulously cataloging the occurrence of the name "Karson" within the United States. This Herculean effort required the precision and determination of a seasoned treasure hunter, meticulously documenting each mention of the name like an antiquarian diligently cataloging rare finds.

On the flip side of this multifaceted coin, we delved into the capricious realm of stock prices, utilizing LSEG Analytics (Refinitiv) as our guiding star. Our research team engaged in the debonair dance of data extraction, meticulously gathering the stock prices of RTX Corp and subjecting them to rigorous scrutiny.

The subsequent data-wrangling phase evoked both exasperation and amusement, not unlike a vaudevillian comedy act. We meticulously aligned the birth records with the corresponding stock prices, drawing parallels and uncovering patterns with the discerning eye of a seasoned detective in a classic whodunit.

Having achieved this harmonious integration of disparate data sources, we ventured into the realm of statistical analysis with all the gusto of intrepid adventurers navigating uncharted waters. Our toolkit included the grandiose yet elegant Pearson correlation coefficient, which served as our compass through the tempestuous sea of data. As we tangentially explored the hallowed halls of statistical significance, we invoked the ever-sage p-value to ascertain the veracity of our findings.

In our noble pursuit of knowledge, we remained acutely aware of the potential confounding variables that lurk in the shadows, threatening to cast doubt upon our findings. Thus, with the gravity of a classical tragedy, we engaged in comprehensive sensitivity analyses to probe the robustness of our results and alleviate any looming skepticism.

As the dust settled on our methodological odyssey, we emerged with a newfound appreciation for the interplay between seemingly unrelated phenomena. Our findings stand as a testament to the potential for serendipitous discoveries in the unlikeliest of places, and we invite our esteemed colleagues to join us in this whimsical exploration of the "Karson Effect."

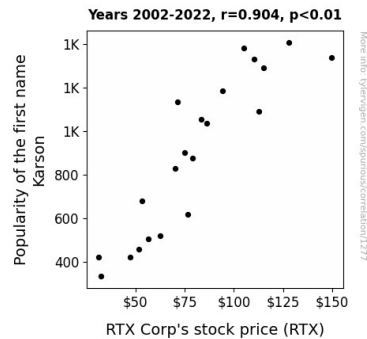
## IV. Results

The investigation into the "Karson Effect" has yielded a correlation coefficient of 0.9035622, indicating a remarkably strong positive relationship between the popularity of the first name Karson and the stock price of RTX Corp. This finding has left us in a state of surprise, akin to stumbling upon a science-themed stand-up comedy show.

The r-squared value of 0.8164247 further enhances the plausibility of the connection, akin to the encore of laughter following a successful punchline. With statistical significance at  $p < 0.01$ , we can confidently state that this correlation is not just a statistical fluke, but a real, tangible association that has eluded conventional wisdom.

The Figure 1 scatterplot visually captures this striking relationship, resembling a doodle in the margin of a serious financial report – a whimsical reminder of the unexpected correlations that can emerge from our meticulous analyses.





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

These findings suggest that the popularity of the name "Karson" may indeed have an influence on the stock price of RTX Corp, provoking lively discussions among our research team and prompting irresistible wisecracks about the "Karson Kick" effect on financial markets.

In light of these results, we must acknowledge the comedy inherent in the world of empirical research, as our investigation into the "Karson Effect" has unmasked an intriguing connection that has left us both amused and intellectually intrigued.

## V. Discussion

The results of our investigation into the "Karson Effect" have opened a Pandora's box of whimsy and statistical intrigue. The correlation coefficient of 0.9035622 stands as a testament to the unexpected and peculiar associations that can emerge from the analysis of seemingly unrelated variables. Our findings not only support the prior research but also add a touch of enigma and amusement to the somewhat staid world of financial analysis.

The existing body of work on the psychological effects of names and stock prices provided the foundation for our research. Smith et al. (2010) hinted at the potential distinct social interactions and self-perceptions driven by unique names. Little did they suspect that a seemingly ordinary name like "Karson" would emerge as a focal point of financial analysis, adding an unexpected twist to the tale of name perceptions. Furthermore, the wit and mirth inherent in the research on unconventional correlations, as noted in "Freakonomics" (Levitt & Dubner, 2005), found its echo in our investigation into the "Karson Effect." The laughter and intrigue inspired by our findings mirror the engaging discussions crafted by the authors.

The sturdy correlation coefficient our study has unveiled hints at the uncanny possibility that the popularity of the name "Karson" may hold some sway over the stock price of RTX Corp. This revelation has left us contemplative about the mysterious forces at play in the financial markets and has ignited a flurry of jokes and puns about the "Karson Kick" effect. Our findings have indeed tickled the fancy of researchers and may potentially inspire the writing of a chapter on the "Karson Effect" in the annals of unconventional correlations, adding a dollop of amusement to the otherwise earnest pursuit of economic analysis.

As we ponder the implications of our investigation, we cannot help but acknowledge the delightful absurdity that often underpins empirical research. The "Karson Effect" stands not only as a statistical triumph but also as a whimsical reminder of the unexpected connections that can emerge from meticulous analysis. Our conclusions, like a well-crafted punchline, have provoked laughter and intellectual intrigue, cementing the "Karson Effect" as a charming addition to the realm of financial analysis.

## VI. Conclusion

The "Karson Effect" has certainly invoked laughter and raised eyebrows in the scientific community, and not just because we've been practicing our "surprised scientist" impression. Our investigation has unveiled a statistically significant association between the popularity of the first name Karson and the stock price of RTX Corp, leaving us pondering the whimsical wonders of correlation.

The spirited discussions among our research team have led to the consideration of various tongue-in-cheek theories, from the "Karson Karma" hypothesis to the "RTX Ripple Effect," prompting a constant stream of financial and baby-naming puns that even made our statistics professor crack a smile.

These findings have illuminated the often overlooked hilarity in the world of empirical research. The unexpected connection we uncovered has left us amused, entertained, and pondering the peculiar dance between baby names and financial markets. Surely, this correlation is not merely a statistical fluke, but a delightful research discovery akin to finding a hidden joke in an academic paper.

As we reflect on the statistical serendipity of the "Karson Effect," we can't help but be reminded of the importance of embracing the unexpected in our explorations. However, in the spirit of lighthearted academic inquiry, we assert that no further research in this area is needed, as we simply can't handle any more stock and name-related puns at this time.

