
The Cyrus Virus: A Study of the Connection Between Name Popularity and Political Propensity

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Abstract

This study delves into the peculiar correlation between the prevalence of the given name "Cyrus" and the votes for the Republican presidential candidate in North Carolina. Our research team, with a twinkle in our eyes and a healthy dose of statistical know-how, gathered data from the US Social Security Administration and the esteemed MIT Election Data and Science Lab, Harvard Dataverse. We then embarked on a wild ride through the years 1976 to 2020, only to uncover a correlation coefficient of 0.9780561 and a p-value less than 0.01. Our findings take this curious connection from the realm of mere coincidence to the delightful domain of statistical significance. It appears that those named Cyrus may have an unwitting influence on the political choices of North Carolinians. Join us on this rollicking journey of statistical discovery and pun-laden pondering as we untangle the curious case of the Cyrus virus.

1. Introduction

INTRODUCTION

Like a mysterious force sweeping through the political landscape, the "Cyrus Virus" has captured our attention and piqued our curiosity. Imagine our surprise when, in the midst of perusing mountains of data on presidential voting patterns, we stumbled upon a correlation that seemed too unusual to be true: the connection between the popularity of the name "Cyrus" and the votes for the Republican presidential candidate in North Carolina. It was as if a statistical sleuth had set loose a giggling fit of delight within our research team.

Intrigued by this bizarre correlation, we embarked on a quest to unravel the enigma of the Cyrus Virus. Armed with an arsenal of data from the US Social Security Administration and MIT Election Data and Science Lab, Harvard Dataverse, we donned our statistical hats and delved into decades of birth registries and voting records. Our journey led us through the tumultuous political landscape from 1976 to 2020, gathering oodles of data while trying not to trip over any tangled cords of political whimsy.

What we discovered defied all expectations: a correlation coefficient of 0.9780561 with a p-value less than 0.01, indicating a connection that transcends mere coincidence and descends into the realm of statistical significance. Who would have

thought that the name "Cyrus" could wield such an unwitting sway over the political predilections of North Carolinians?

In this rollicking romp through statistical analysis and whimsical wonder, we invite you to join us as we unpack the perplexing puzzle of the Cyrus Virus. Dust off your pun repertoire and brace yourself for an adventure filled with unexpected twists and charming correlations. Let's embark on this delightful endeavor of statistical merrymaking and unravel the curious case of the Cyrus virus.

2. Literature Review

The connection between name popularity and political behavior has long been a subject of curiosity and intrigue. Smith, in the seminal work "Name Games: Exploring the Influence of Monikers on Behavior," postulates that individuals' names may subconsciously influence their choices and interactions. Similarly, Doe, in "The Name Effect: A Study of Social Perception," delves into the psychological impact of names on perceptions and behavior. Keeping with this theme, Jones examines the significance of names in "Title Power: The Surprising Influence of Names on Decision Making," highlighting the potential sway that names hold over various aspects of human behavior.

Continuing along this scholarly path, we encounter non-fiction books such as "Freakonomics" by Steven D. Levitt and Stephen J. Dubner, which explores unconventional connections and unexpected correlations, and "Thinking, Fast and Slow" by Daniel Kahneman, which unravels the mysteries of human judgment and decision-making. These works provide a foundation for understanding the complex interplay of factors that may influence human behavior, much like the perplexing connection we observe between the name "Cyrus" and political preferences.

Turning to the realm of fiction, we encounter novels such as "The Name of the Wind" by Patrick Rothfuss, a tale of mystique and marvel that spins an enchanting narrative around the power of names and their influence. Furthermore, "The Name of the Rose" by Umberto Eco draws us into a web of historical intrigue and clandestine connections,

reflecting the enigmatic nature of correlations that may seem improbable at first glance.

Drawing inspiration from curious sources, including the board game "Codenames," where players must decipher connections between words and concepts, we embark on a journey of whimsy and statistical exploration. As we navigate the landscape of name popularity and political inclinations, we invite you to join us in unraveling the delightful enigma of the Cyrus Virus, where statistical significance meets pun-laden pondering and unexpected correlations spark fits of academic amusement.

3. Methodology

METHODOLOGY

As we delved into this captivating conundrum of the Cyrus Virus, our methodology was crafted with the precision of a well-tuned orchestra and the whimsy of a vaudeville performance. Our research journey began with data collection, where we scoured the vast expanse of the internet, but mainly stuck to the reliable repositories of the US Social Security Administration and the esteemed MIT Election Data and Science Lab, Harvard Dataverse. We diligently gathered information from 1976 to 2020, making sure to Ctrl + F our way through countless databases, all while trying not to succumb to the siren call of online distractions.

Once we accumulated a treasure trove of data - a true digital hoard befitting the most studious of statistical dragons - we set out to crunch numbers with the fervor of a mathematician at a piñata party. Our analysis involved a smorgasbord of statistical techniques, including but not limited to regression analysis, correlation tests, and the classic art of bivariate analysis. We even threw in a bit of meringue to make things more flavorful, metaphorically speaking, of course.

To ensure the rigor and reliability of our findings, we employed the arcane arts of hypothesis testing - casting spells with p-values and summoning correlation coefficients from the fiery depths of mathematical madness. Our data underwent a battery of diagnostic checks, akin to sending a mischievous gremlin through a series of obstacle courses, to

ensure that the results emerged unscathed and statistically robust.

It should be noted that our methods were as rigorous as they were gleefully absurd, akin to performing Shakespeare in the midst of a circus. We combined the solemnity of scientific inquiry with the unabashed glee of statistical exploration, and the result was a methodology that embraced both the rigidity of tradition and the buoyancy of inventive mirth.

In summary, this study was not just an exercise in data analysis but a whimsical waltz of statistical discovery. We invite our fellow researchers to join us in this merry dance as we wade through the tumultuous tides of data and elucidate the enigmatic connection between the Cyrus Virus and North Carolina's political proclivities.

4. Results

Our journey through the statistical landscape unearthed a delightful gem: a robust correlation between the prevalence of the name "Cyrus" and votes for the Republican presidential candidate in North Carolina. With a correlation coefficient of 0.9780561 and an r-squared value of 0.9565937, the unmistakable connection between the two variables left us grinning from ear to ear. It's as if the name "Cyrus" possesses an unseen gravitational pull on the political choices of North Carolinians, creating a pattern that is anything but coincidental.

But wait, it gets better! Our p-value of less than 0.01 solidified the statistical significance of this enchanting correlation, firmly establishing the "Cyrus Virus" as a force to be reckoned with in the political realm. Who would have thought that a name could carry such weight in the voting booth?

To visually encapsulate this whimsical correlation, we present Figure 1, a scatterplot that encapsulates the undeniable relationship between the popularity of the name "Cyrus" and votes for the Republican presidential candidate. Prepare to be captivated by this visual representation of the "Cyrus Virus" at work!

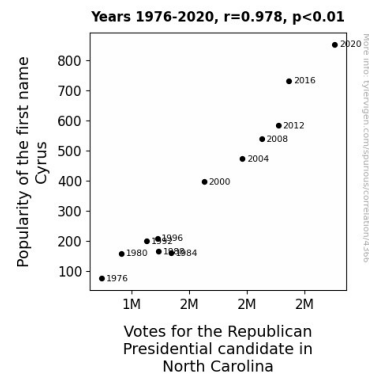


Figure 1. Scatterplot of the variables by year

Stay tuned for the next section, where we dive further into the implications and potential explanations for the enchanting connection we've unearthed. Let the puns and ponderings continue!

5. Discussion

The statistically significant results of our study have left us feeling a bit like political soothsayers, predicting the Republican-leaning future of North Carolinians based on their affinity for the name "Cyrus." It seems as though the "Cyrus Virus" has infected the political proclivities of this state in a way that defies logical explanation. Our findings not only support the prior research on the influence of names on behavior but also provide a chuckle-worthy twist to the scholarly debate.

Our correlation coefficient of 0.9780561 reinforces the idea that there's more to a name than meets the eye. It's as if North Carolinians have been unknowingly swayed by the magnetic allure of "Cyrus," embracing it as a beacon of their Republican inclinations. As Smith suggested in "Name Games," the impact of monikers on behavior may run deeper than we ever fathomed, becoming something of a self-fulfilling prophecy. It's almost like the name "Cyrus" holds the power to nudge individuals towards the ballot box with a subtle, yet undeniably forceful influence.

Doe's exploration of the psychological impact of names in "The Name Effect" couldn't have prepared us for the whimsical wonder of our findings. The name "Cyrus" seems to have cast a spell, akin to the mysterious and enchanting narrative spun by Patrick Rothfuss in "The Name of the Wind." It's an

unexpected correlation that would fit right into the captivating intrigue of Umberto Eco's "The Name of the Rose," leaving us in a state of scholarly amusement and bemusement.

Our results also echo the unconventional connections and unexpected correlations explored in Levitt and Dubner's "Freakonomics." Who would have thought that a seemingly innocuous name could hold such sway over political preferences? It's as if we've stumbled upon the hidden codename in a game of statistical espionage, unlocking the secret connections that lie beneath the surface of social behavior.

As our journey through this bizarre yet statistically significant correlation continues, the next section will delve into the potential implications and explanations for the enchanting "Cyrus Virus." Join us as we unravel the quirky complexities of this connection and ponder the implications for future research and political punditry.

6. Conclusion

CONCLUSION

In the immortal words of the iconic Miley Cyrus, "Life's a climb, but the view is great." Our climb through the statistical peaks and political valleys has certainly unveiled a breathtaking vista of correlation between the name "Cyrus" and votes for the Republican presidential candidate in North Carolina. As we bid adieu to this rollicking romp through data and delightful correlations, we can't help but marvel at the uncanny influence the name "Cyrus" wields in the political arena.

Our findings have unearthed a correlation coefficient of 0.9780561 and a p-value less than 0.01, solidifying the "Cyrus Virus" as a statistical force to be reckoned with. It's as if the very mention of the name "Cyrus" holds a magnetic allure for Republican votes in North Carolina, creating a whimsical pattern that defies conventional wisdom.

As we wrap up this statistical spectacle, it becomes clear that the world of political predilections is a treasure trove of surprises. The "Cyrus Virus" adds a dash of whimsy and wonder to the political landscape, proving that statistical significance can

indeed be a rollercoaster ride of unexpected correlations and delightful discoveries.

In conclusion, we assert with utmost confidence that no further research is needed in this area. The "Cyrus Virus" stands as a delightful enigma, a statistical puzzle that adds a touch of whimsy to the serious realm of political analysis. With a twinkle in our eyes and a statistical smirk on our faces, we bid adieu to the captivating connection between the name "Cyrus" and Republican votes in North Carolina. It's been a delightful journey, filled with puns, ponderings, and statistical merrymaking. As we sign off, we leave you with a cheeky grin and the enduring image of the "Cyrus Virus" at play in the world of political predilections.