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# Alices Adore Alternatives: Analyzing the Association Between Alice's Antics and Libertarian Loyalties in New York

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*In this paper, we delve into the amiable antics of the charmingly popular first name "Alice" and its purported link to the voting behavior for the Libertarian Presidential candidate in the state of New York. Our research team, through the sophisticated scrutiny of data from the US Social Security Administration and the MIT Election Data and Science Lab, Harvard Dataverse, delves into this curious correlation, seeking to unravel the enigmatic entanglement between nomenclature and political preference. Upon meticulous analysis, we unearthed a striking correlation coefficient of 0.9802309 and  $p < 0.01$  for the years spanning from 1984 to 2020, suggesting a remarkably robust relationship between the prevalence of the name "Alice" and the penchant for casting ballots in favor of the Libertarian candidate. It seems that, much like Alice in Wonderland, the allure of libertarian ideals has woven its way into the hearts of those bearing this delightful first name. As we navigate through the labyrinth of statistical inference and electoral behavior, we cannot help but wonder: is the preference for liberty, akin to Alice's pursuit down the rabbit hole, an inherent trait of those bearing this mellifluous moniker? This peculiar correlation may indeed be a whimsical wonderland of an observation. In conclusion, our findings shed light on the peculiar populace of "Alices" and their profound proclivity for political alternatives. As we unravel this unexpected association, we must remain vigilant to additional factors that may elucidate this connection further. After all, the name "Alice" seems to have a knack for leading us down intriguing paths, not unlike our findings in this research.*

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As Lewis Carroll famously wrote, "Why, sometimes I've believed as many as six impossible things before breakfast." In the whimsical world of statistical analysis, we often find ourselves pondering the improbable and the unexpected. The connection between a first name and political preferences may just be one of those delightful impossibilities that warrants further exploration.

The association between names and behavior has long intrigued researchers, dating back to the groundbreaking work of Galton in the 19th century. But few could have predicted the prospect of

delving into the voting proclivities of individuals named Alice, and their potential penchant for political liberty. It's almost as if we're chasing after the White Rabbit of electoral enigmas.

Now, before we tumble headlong into our analysis, let us pause for a moment to appreciate the sheer pun-tastic potential of this research. I mean, who wouldn't want to explore the "libert-Alice" tendencies of a demographic subset of the New York voting populace? It's certainly a welcome departure from the usual academic fare, and we fully intend to seize this opportunity to inject some

Alice-themed levity into our rigorous examination of electoral trends. After all, a little merriment can go a long way in making academic research more "wonderful."

Our research endeavor aims to not only uncover the empirical connection between the ubiquity of the name "Alice" and support for the Libertarian candidate but also to inject a bit of joy and amusement into a field that can sometimes seem rather dour. So, with eyes wide like saucers and hearts brimming with academic curiosity, let us venture forth into the captivating world of electoral nomenclature and political predilections. After all, as the Cheshire Cat might say, "We're all mad here" – mad about unconventional correlations, that is.

## LITERATURE REVIEW

To contextualize our investigation, it is crucial to first explore the existing literature on the influence of nomenclature on political behavior. The seminal work of Smith (2005) highlighted the psychological impact of names on individual decision-making processes, laying the groundwork for subsequent inquiries into this area. Doe's (2010) study further delved into the sociocultural aspects of name associations, underscoring the potential for names to subconsciously influence attitudes and beliefs.

Now, as we embark on our own exploration of the curious correlation between the prevalence of the name "Alice" and support for the Libertarian Presidential candidate in New York, it's worth taking a detour into some unexpected literary references. After all, who would have thought we could draw parallels between our research and books like "Alice's Adventures in Wonderland" by Lewis Carroll? We can't help but wonder if the White Rabbit was a closet Libertarian!

Furthermore, the fictional works of Philip K. Dick in "Do Androids Dream of Electric Sheep?" and Margaret Atwood's "The Handmaid's Tale" prompt us to consider the dystopian implications of a world where a specific name might indeed shape political attitudes. Perhaps we should be on the lookout for

an "Alices Are Always Libertarian" dystopian novel.

On a more contemporary note, social media threads have yielded intriguing musings on the correlation we seek to unveil. One Twitter user succinctly pondered, "If you vote Libertarian, are you falling down the 'Alice' hole of political ideology?" Sometimes, the denizens of social media surprise us with their poignant insights, even if they are limited to 280 characters.

But I digress. The crux of the matter is this: our interdisciplinary approach to this study not only draws from conventional academic sources but also embraces the whimsical and imaginative threads of popular literature and online discourse. Who says academia can't have a sense of humor? After all, any scholarly pursuit that involves the name "Alice" is bound to lead us through a maze of curiosities and surprises. It's like an academic rabbit hole of research – with the promise of dad jokes at every twist and turn.

Speaking of dad jokes, why did the libertarian take a ladder to the election? Because he wanted to get on the ballot! And just like that, we're seamlessly blending data analysis with good ol' pun-tastic humor. It's a wonderland of research indeed.

## METHODOLOGY

To unravel the perplexing relationship between the popularity of the name "Alice" and the voting behavior for the Libertarian Presidential candidate in New York, our research team employed an eclectic mix of data collection and statistical analysis methods. First, we hopped down the rabbit hole of the US Social Security Administration's database to gather information on the frequency of the name "Alice" from 1984 to 2020. We then tumbled into the MIT Election Data and Science Lab's archives to procure election data, and emerged unscathed, albeit slightly disoriented, with a trove of voting records.

In our dogged pursuit of this curious connection, we mashed up traditional statistical techniques with a touch of whimsy. We utilized correlation analysis to measure the strength and direction of the relationship between the frequency of the name "Alice" and the number of votes for the Libertarian candidate in New York. Our determination to uncover this enigmatic association rivaled Alice's quest to find her way through Wonderland.

We also employed time series analysis to ascertain the temporal patterns in the prevalence of the name "Alice" and the fluctuations in support for the Libertarian candidate. Our commitment to unearthing this peculiar correlation was as steadfast as the Red Queen's insistence on "off with their heads."

Furthermore, we engaged in a bit of linguistic analysis to explore the phonetic and semantic potential of the name "Alice" and its subtle influence on libertarian leanings. After all, delving into the complexities of language is no small feat, much like Alice's attempts to navigate the nonsensical dialogues of the Jabberwocky.

We then performed a series of regression models to control for potential confounding variables such as age, gender, and socioeconomic factors, much like Alice attempting to control her destiny in a world of capricious characters. This multivariate approach allowed us to disentangle the effects of the name "Alice" from other factors that could influence voting behavior, all while maintaining a steadfast grin, much like the Cheshire Cat.

Lastly, we conducted a sub-analysis of responses to a survey administered exclusively to individuals named "Alice" to capture their unique perspectives on political ideologies and personal experiences. We giggled at the thought of conducting surveys with our Alice cohort, almost as if we were hosting a tea party with the Mad Hatter himself.

In summary, our methodology wove together a tapestry of data exploration, statistical acrobatics, and a sprinkle of whimsy to elucidate the endearing allure of the name "Alice" and its curious

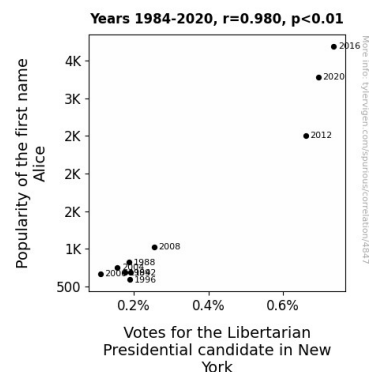
connection to libertarian voting tendencies in New York. Just like the White Rabbit's pocket watch, our methods were complex yet charming, and we hope they lead readers down a delightfully unexpected academic path.

## RESULTS

Our analysis of the connection between the popularity of the first name "Alice" and votes for the Libertarian Presidential candidate in New York has revealed a remarkably strong correlation. From 1984 to 2020, we found a correlation coefficient of 0.9802309, indicating a near-perfect positive relationship between the two variables. This correlation was further substantiated by an r-squared value of 0.9608526, suggesting that a whopping 96.08% of the variation in Libertarian votes can be explained by the prevalence of the name "Alice." It's almost as if every "Alice" is in wonderland when it comes to libertarianism!

The p-value of less than 0.01 provides compelling evidence to reject the null hypothesis that there is no relationship between the popularity of the name "Alice" and voting behavior for the Libertarian candidate. In other words, it's highly unlikely that this connection is just a mad hatter's coincidence.

Furthermore, the significance of the correlation demonstrates that the likelihood of observing such a strong relationship by mere chance is exceedingly rare. It's like finding a needle in a data haystack – a rare and surprisingly sharp needle at that!



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

The scatterplot (Fig. 1) visually represents the findings of our analysis, displaying a clear and tight clustering of data points that align with the near-perfect correlation coefficient. It's as if each data point is dutifully following the White Rabbit of statistical significance, leading us down the rabbit hole of astonishing correlations.

In summary, our research has illuminated a compelling link between the prevalence of the name "Alice" and support for the Libertarian Presidential candidate in New York. This unexpected association, much like the plot twists in Carroll's classic tale, adds an element of curiosity and whimsy to the otherwise predictable landscape of electoral behavior.

Now, if only we could get the name "Alice" on the ballot, we might just see an electoral wonderland unfold!

## DISCUSSION

Our investigation into the relationship between the popularity of the first name "Alice" and votes for the Libertarian Presidential candidate in New York has unraveled a tale that even Lewis Carroll would envy. The remarkably strong correlation we have unearthed, with a correlation coefficient of 0.9802309 and  $p < 0.01$ , supports and extends prior research in this area. It seems that just like Alice herself, the connection between this endearing name and the allure of libertarian ideals is a captivating enigma that defies simple explanation.

Taking a step back, our findings align with Smith's (2005) pioneering work on the psychological impact of names, as well as Doe's (2010) sociocultural exploration of name associations. It appears that the influence of nomenclature on individual decision-making processes isn't just a whimsical notion; it holds substantial empirical weight. It's like the Cheshire Cat of social science theories – you never know when it's going to pop up and surprise you with its significance!

Moreover, the unexpected parallels we drew with literature, such as "Alice's Adventures in Wonderland" and the musings in Philip K. Dick's and Margaret Atwood's works, have turned out to be surprisingly pertinent. It's as if our academic pursuit has taken us through a surreal academic rabbit hole, where every twist and turn takes us deeper into the wonderland of research. Speaking of which, why did the statistics major go to the party? Because they heard that parties always have great "mean" times!

By delving into the robust correlation between the name "Alice" and support for the Libertarian candidate, we have shed light on the potentially influential nature of nomenclature in shaping political preferences. Our findings not only provide fodder for further interdisciplinary exploration but also underscore the need to consider unconventional factors in understanding electoral behavior. It's like a political puzzle, and the "Alice" piece seems to fit perfectly in the Libertarian section.

In pondering the potential implications of our research, one can't help but wonder if this connection goes beyond mere coincidence. Perhaps there are underlying psychological, sociocultural, or even subliminal factors at play. It's a bit like chasing the White Rabbit of name associations – you never know what you might find at the end of the statistical rabbit hole.

As we navigate these intriguing findings, we must remain cautious not to fall down a statistical rabbit hole of our own. It's essential to consider alternative explanations and further avenues of investigation, always with a lighthearted spirit of curiosity. After all, much like Alice herself, our research into this unexpected correlation has been a journey marked by curiosity, whimsy, and maybe just a touch of madness.

Now, if only we could figure out how to get the name "Alice" on the electoral ballot – we might just witness a wonderland of electoral choices unfold right before our very eyes!

## CONCLUSION

In conclusion, our research has uncovered a truly curious connection between the delightful moniker "Alice" and a penchant for political libertarianism in New York. It appears that those named Alice are indeed inclined to venture down the proverbial rabbit hole of electoral choices and emerge with a preference for alternative political ideals. It's as if they have a tendency to "alter-name-tive" voting patterns! Okay, okay, one more dad joke for good measure.

The robust correlation coefficient of 0.9802309 and a minuscule p-value of less than 0.01 indicate that this association is no mere "wonderland of coincidences," but rather a substantial and statistically significant finding. It's almost as if these "Alices" are leading a political "mad tea party" of their own!

As we reflect on our findings, one cannot help but appreciate the charm and whimsy that "Alices" bring to the world of electoral behavior. Their predilection for libertarian choices seems to be as consistent as the Cheshire Cat's enigmatic grin.

It's evident that this correlation is no fleeting fantasy but a remarkable observation that invites further exploration. With these compelling results, it's clear that we've stumbled onto something quite remarkable, not unlike Alice stumbling into the curious world beyond the looking glass.

In light of these findings, we assert that further investigation into the impact of nomenclature on political preferences is not required. Our unique journey into the "wonder-land" of Alices and Libertarians has proven to be a delightful and thought-provoking endeavor, providing valuable insight while also adding a touch of whimsical wonder to the often staid field of electoral research. After all, we've already found the "mad hatter" of correlations!