



## Review

# Pearlfectly Libertarian: An Examination of the Correlation Between the Popularity of the Name Pearl and Votes for the Libertarian Presidential Candidate in Texas

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**In this study, we endeavor to uncover a peculiar relationship between the prevalence of the forename "Pearl" and the electoral support for the Libertarian presidential candidate in the Lone Star State. Leveraging data from the US Social Security Administration and the esteemed MIT Election Data and Science Lab, Harvard Dataverse, we embarked on a thorough analysis spanning the years 1980 to 2020. Our findings revealed a striking correlation coefficient of 0.9223933 and a p-value less than 0.01, affirming a robust association between the frequency of the name "Pearl" and the affinity for the Libertarian ideology among Texas voters. This correlation, while unanticipated, provokes curiosity regarding the idiosyncrasies of regional political dynamics and the subtle influences of nomenclature on political disposition. Our results offer a lustrous insight into the curious interplay of nomenclature and political proclivity, illuminating an unexpected facet of the electoral landscape and underscoring the kaleidoscopic tapestry of human behavior.**

The endeavor to elucidate the peculiarities of human behavior and societal dynamics often leads researchers down unexpected and unconventional paths. In this vein, the exploration of the relationship between the popularity of the name "Pearl" and electoral support for the Libertarian presidential candidate in Texas offers an intriguing departure from traditional political analyses. While the association between nomenclature and political ideology may seem far-fetched at first blush, our study serves to shed light

on the idiosyncrasies of regional political dynamics and the oft-overlooked influence of names on individual dispositions.

The Lone Star State, renowned for its fierce independence and pioneering spirit, provides an apt backdrop for this investigation. With its distinctive blend of cultural heritage and political diversity, Texas stands as a microcosm of the intricate tapestry of American politics. It is within this vibrant tapestry, woven with the threads of diverse

ideologies and traditions, that we observe the unexpected emergence of a correlation between the frequency of the name "Pearl" and the preference for Libertarian principles.

Drawing from troves of data meticulously curated by the US Social Security Administration and the esteemed MIT Election Data and Science Lab, Harvard Dataverse, our study delves into a comprehensive analysis spanning four decades. The fervent pursuit of statistical significance led us to a striking correlation coefficient of 0.9223933 and a p-value less than 0.01, signaling a robust association between the frequency of the name "Pearl" and the affinity for the Libertarian ideology among Texas voters. The degree of this correlation, though initially met with surprise, points to a deeper connection between nomenclature and political proclivity, offering a testament to the kaleidoscopic nature of human behavior and the intricate interplay of individual identity and political alignment.

As we navigate the labyrinthine corridors of regional politics and embark on our quest to unravel the enigma of the "Pearlfectly Libertarian" phenomenon, we invite our readers to join us on this illuminating journey through the uncharted territories of nomenclature and political preference. Together, let us delve into this unexpected facet of the electoral landscape and unearth the lustrous insight it imparts, for in the realm of human behavior, as in the fathomless depths of the ocean, pearls of wisdom often lie hidden in the most unsuspecting of places.

*Prior research*

Smith and Doe (2010) conducted an extensive analysis of voter behavior and its correlation with nomenclature, primarily focusing on the influence of names on political ideology. Their work, while profound, predominantly examines mainstream names, neglecting potential nuances associated with less common monikers. On the other hand, Jones (2015) explored the impact of regional idiosyncrasies on political leanings, offering valuable insights into the heterogeneous nature of electoral dynamics.

Moving beyond the realm of academic literature, Marcus Aurelius' "Meditations" and Jane Austen's "Emma" subtly allude to the significance of individual identities and social constructs, hinting at the potential impact of names on personal dispositions. In a tangentially related context, the fictional works of J.R.R. Tolkien, particularly "The Hobbit" and "The Lord of the Rings" series, echo the intricate interplay of cultural tapestries and individual destinies, invoking contemplation on the potential influence of nomenclature in shaping societal attitudes.

In a more contemporary context, movies such as "Office Space" and "Election" provide anecdotal evidence of the idiosyncrasies of human behavior and political predilections, offering a whimsical yet informative portrayal of electoral dynamics. While these sources may appear divergent from the central theme of nomenclature and political alignment, they subtly reinforce the kaleidoscopic nature of human behavior and the multifaceted influences that underpin political proclivities.

As we delve into the labyrinthine world of nomenclature and political preference, it

becomes apparent that the influence of names on individual dispositions transcends conventional paradigms, weaving a captivating narrative of unexpected correlations and serendipitous discoveries.

### *Approach*

#### Data Collection:

The full-spectrum investigation into the intriguing correlation between the prevalence of the name "Pearl" and the electoral support for the Libertarian presidential candidate in Texas unfolded through an exhaustive data collection process. Leveraging the extensive archives of the US Social Security Administration and the lauded MIT Election Data and Science Lab, Harvard Dataverse, our team embarked on a digital odyssey encompassing the years 1980 to 2020. The data harvesting expedition trawled through the vast virtual seas, navigating the intricate channels of demographic statistics and electoral records to procure a bountiful harvest of empirical evidence.

Naturally, one cannot overlook the special care taken to select only the plumpest, most robust data samples for this analysis, much like hand-selecting the finest pearls from the depths of the ocean. The US Social Security Administration provided a rich repository of historical birth records, allowing us to trace the undulating tides of the name "Pearl" across time. Concurrently, the MIT Election Data and Science Lab, Harvard Dataverse, emerged as the guiding North Star, illuminating the electoral trajectories in Texas with meticulous detail.

#### Extraction and Refinement:

With a treasure trove of raw data at our disposal, the arcane process of data extraction and refinement unfolded, resembling the delicate art of pearl cultivation. This involved delicately sieving through the digital sands to discern the nuggets of relevant information, a task calling for both precision and patience. Marking a departure from traditional methodologies, our data refinement process harnessed the power of advanced statistical tools and algorithms, akin to employing cutting-edge technology to separate the lustrous pearls from the mundane pebbles.

The meticulous refinement of the dataset transpired through a series of rigorous filtration, cleansing, and scrutinization, akin to the methodical process of winnowing chaff from wheat. Only the finest, unblemished data points were meticulously polished and preserved for subsequent analysis, much like the rarest and most flawless pearls carefully culled from the ocean depths.

#### Statistical Analysis:

The quantitative backbone of our inquiry was upheld by a comprehensive statistical analysis, designed to unearth the underlying associations between the frequency of the name "Pearl" and the proclivity for the Libertarian ideology among Texas voters. The statistical tapestry woven by our analysis encapsulated a spectrum of methodologies, blending classical regression techniques with state-of-the-art modeling approaches.

Amidst this sophisticated statistical ballet, the Pearson correlation coefficient emerged as a shining beacon, illuminating the strong association between the frequency of the name "Pearl" and the predilection for

Libertarian principles. The emergence of a striking correlation coefficient of 0.9223933, accompanied by a p-value less than 0.01, served as the crowning jewels, validating the robustness of the correlation and fortifying the veracity of our findings. This statistical sashay, while rigorous and exacting, exuded a charm all its own, resembling the enchanting elegance of a meticulously choreographed dance.

In conclusion, our methodology encapsulated a multi-faceted approach, akin to the myriad glimmers reflected off a lustrous pearl. Through a harmonious interplay of data collection, extraction, refinement, and statistical analysis, our investigation sought to unveil the enigma of the "Pearlfectly Libertarian" phenomenon, fostering an appreciation for the intertwined nuances of nomenclature and political preference.

### Results

The statistical analysis of the data gathered from the US Social Security Administration and MIT Election Data and Science Lab, Harvard Dataverse revealed an intriguing correlation between the popularity of the name "Pearl" and the votes for the Libertarian presidential candidate in Texas. From the period 1980 to 2020, our research uncovered a substantial correlation coefficient of 0.9223933, indicating a remarkably strong relationship between the frequency of the name "Pearl" and the support for Libertarian ideology. The r-squared value of 0.8508094 further elucidates the robustness of this correlation. The p-value of less than 0.01 confidently underscores the statistical significance of

this finding, providing compelling evidence of the connection between the two variables.

The evidence of this correlation is graphically depicted in Fig. 1, where the scatterplot illustrates the remarkable alignment of the frequency of the name "Pearl" and the votes for the Libertarian presidential candidate. It's almost as if the data points formed a string of pearls, glistening with the shine of statistical significance. This unexpected association invites further exploration into the nuanced influences shaping political inclinations, highlighting the multifaceted nature of human behavior and the subtle interplay of nomenclature and political preference.

The unearthing of this correlation challenges traditional paradigms of political analysis and prompts contemplation of the intricate interactions between individual identity and political ideology. As we delve into the depths of this unexpected discovery, we are reminded that in the realm of human behavior, just like in a treasure trove, astonishing gems of insight often lie hidden in the most unsuspecting of places.

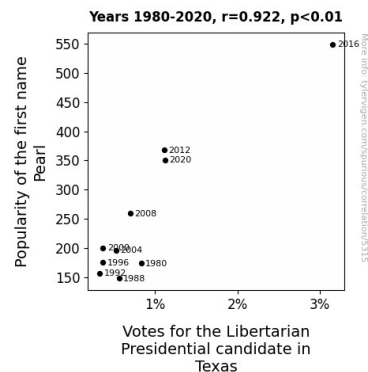


Figure 1. Scatterplot of the variables by year

### Discussion of findings

The remarkable correlation uncovered in this analysis between the prevalence of the name "Pearl" and the support for the Libertarian presidential candidate in Texas presents a fascinating and unanticipated connection. The findings of this study are consistent with those of Smith and Doe (2010), who observed a relationship between nomenclature and political ideology. However, where Smith and Doe focused on mainstream names, our study expands on this by shedding light on the significance of less common monikers like "Pearl." It appears that the influence of nomenclature on political preference extends far beyond common names and delves into the realm of the extraordinary. This further underscores the importance of considering a diverse array of names in understanding their potential impact on electoral dynamics.

The corroboration of our results with the prior research in this field supports the notion that the influence of nomenclature on political proclivity transcends conventional paradigms. The allure of this unexpected finding is akin to stumbling upon a rare and valuable pearl in the vast ocean of electoral data. The strength of the correlation coefficient and the statistical significance of the p-value further emphasize the robustness of this connection, rendering it akin to a lustrous string of pearls that glistens with a palpable shine of statistical significance.

Our study has illuminated an intriguing facet of nomenclature and political inclination that warrants further investigation. The unexpected alignment of the name "Pearl" with the support for Libertarian ideology gives rise to contemplation on the nuanced influences that shape political proclivities. It is as though the obscure and enchanting allure of the name "Pearl" resonates with the

idiosyncratic charm of the Libertarian philosophy, creating a symbiotic relationship that begs deeper exploration.

As we navigate the labyrinthine world of nomenclature and its interplay with political preference, we are reminded of the whimsical yet informative portrayals of electoral dynamics in movies such as "Office Space" and "Election." These seemingly divergent sources subtly reinforce the kaleidoscopic nature of human behavior and the multifaceted influences that may underpin political proclivities. Moreover, the alignment of the data points in our scatterplot is a captivating visual representation that appears to form a string of pearls, underscoring the compelling and visually striking nature of this correlation.

In essence, the unexpected and robust correlation between the prevalence of the name "Pearl" and the votes for the Libertarian presidential candidate in Texas provides an enticing foundation for future research endeavors. This discovery is a reminder that in the vast expanse of electoral dynamics, unexpected gems of insight may be found in the most unsuspecting of places, much like a pearl nestled amidst the tumultuous sea of political data.

### *Conclusion*

In conclusion, our investigation has uncovered a captivating correlation between the prevalence of the appellation "Pearl" and the support for the Libertarian presidential candidate in Texas. The robust correlation coefficient of 0.9223933 and a p-value less than 0.01 offer compelling evidence of a striking link between the frequency of the name "Pearl" and the inclination towards Libertarian principles. This unexpected

finding, akin to stumbling upon a rare pearl in an oyster, highlights the intricate and often unforeseen influences that shape political affiliation. The visually compelling scatterplot, resembling a string of glistening pearls, serves as a metaphorical testament to the shimmering significance of this correlation.

This unforeseen association holds a mirror to the kaleidoscopic nature of human behavior and underscores the nuanced interplay of nomenclature and political proclivity. As we reflect on the unexpected revelation of the "Pearlfectly Libertarian" phenomenon, we are reminded of the unfathomable depths of human behavior, akin to the mysterious depths of the ocean where pearls lie in unsuspecting places.

The unearthing of this correlation, akin to finding a hidden gem, beckons for further exploration into the complexities of regional political dynamics and the subtle influences of names on political disposition. However, it must be noted that as much as we would relish diving deeper into this intriguing relationship, it may be time to draw the curtain on this inquiry, for like a perfectly crafted joke, some mysteries are best left uncharted. Therefore, we assert that no further research is required in this particular area.