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# The Gaslighting of Libertarian Votes: Uncovering the Link Between Massachusetts Senatorial Preferences and U.S. Virgin Islands Gasoline Consumption

Caleb Hamilton, Alice Tucker, Grace P Tillman

International College; Ann Arbor, Michigan

## KEYWORDS

Libertarian votes, Massachusetts, U.S. Virgin Islands, gasoline consumption, correlation, statistical modeling, MIT Election Data and Science Lab, Harvard Dataverse, Energy Information Administration, political preferences, energy consumption patterns

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## Abstract

In this research study, we delve into the curious conundrum of the seemingly unrelated realms of Libertarian leaning votes in Massachusetts and gasoline consumption in the U.S. Virgin Islands. Through rigorous data analysis and statistical modeling using MIT Election Data and Science Lab, Harvard Dataverse, and Energy Information Administration data, we uncovered a striking correlation coefficient of 0.9651641 and a p-value less than 0.01 for the time period of 1982 to 2008. Our findings highlight the quirks and intricacies of political preferences and their unexpectedly whimsical link to energy consumption patterns. The results of this study add a lighthearted twist to the oft-dour landscape of statistical analysis, encouraging researchers to not only ponder the p-values but also the pun-values in their data.

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## 1. Introduction

### INTRODUCTION

The field of political science is often thought to be as dry as a desert, but we are here to dispel that notion and add some fuel to the fire! In this paper, we embark on a journey into the fantastical realms of statistical eccentricities and unearth a correlation that

is as surprising as finding a clown nose in a pile of political pamphlets. Brace yourselves, for we are about to uncover the whimsical link between Libertarian votes in Massachusetts and gasoline consumption in the U.S. Virgin Islands – a correlation that is sure to make even the most stoic of researchers crack a smile.

As researchers, we are no strangers to the unexpected twists and turns that data can throw at us. However, even we were taken aback by the delightful dance that unfolded between these seemingly disparate variables. By employing rigorous data analysis and statistical modeling, we have unraveled a correlation coefficient that is as strong as the aroma of coffee in a bustling café – a remarkable 0.9651641, to be exact. And if that wasn't enough to make your eyebrows raise, the p-value came in at less than 0.01, signaling a connection more robust than a well-constructed pun.

The genesis of this study can be traced back to a serendipitous moment of curiosity. We found ourselves pondering the intricacies of political preferences and their potential for unexpected shenanigans. As we delved deeper into the MIT Election Data and Science Lab and the Harvard Dataverse, we stumbled upon a treasure trove of electoral nuggets that would make even the most seasoned data miner chuckle. And lo and behold, amidst the digits and decimals, the correlation between Libertarian votes in Massachusetts and gasoline consumption in the U.S. Virgin Islands materialized like an inside joke shared between statistical stand-up comedians.

So, dear readers, fasten your seatbelts, for we are about to take you on a merry-go-round of political whimsy and energy consumption antics. Our findings stand as a testament to the notion that even in the world of statistical analysis, there is room for a good laugh and a cheeky pun. As we present our findings, we invite you not only to ponder the p-values but also the pun-values in your own data. After all, in the labyrinth of research, a little humor can brighten even the most labyrinthine of statistical mazes.

## 2. Literature Review

As we navigate the peculiar waters of political preferences and energy consumption, we turn our attention to the existing body of literature that may shed light on the unexpected connection between Libertarian votes in Massachusetts and gasoline consumption in the U.S. Virgin Islands. Smith et al. (2015) conducted a comprehensive study on political leanings and their impact on regional energy usage, but alas, their work did not venture into the realm of quirkiness that we find ourselves in. Moving on, Doe and Jones (2017) examined the correlation between voting patterns and resource consumption, yet their findings stopped short of uncovering the delightful dance that we have stumbled upon.

Steering into the seas of non-fiction, we encountered "Energy and Politics" by Green (2012), a scholarly work that dives deep into the intertwining of political ideologies and energy policies. While the book offers valuable insights into the serious business of energy governance, it fails to embark on the whimsical escapade that we seek. On a similar note, "Economics of Energy" by Brown (2019) provides a meticulous analysis of energy markets and their interplay with political forces, but it lacks the playful charm that we endeavor to bring to the forefront.

Venturing into the realm of fiction, we stumbled upon "The Gaslight Gambit" by Silver (2018), a thrilling novel set in the backdrop of political intrigue and energy heists. Although the book weaves an enthralling tale of mystery and suspense, it regrettably falls short of shedding light on our jocular correlation. Furthermore, "The Libertarian Legacy" by Gold (2016) captivates the reader with its narrative of political upheaval and ideological fervor, yet it neglects the hilarious happenstance that we aim to unravel.

In our pursuit of unparalleled knowledge, we turned to unconventional sources to glean

insights on the enigmatic marriage of political preferences and energy consumption. After meticulously poring over grocery store receipts, bus tickets, and even the occasional discarded fortune cookie, we stumbled upon a revelation that eclipsed all others: the elusive connection between the volume of Libertarian votes and the gallons of gasoline pumped in the U.S. Virgin Islands. While our methods may have raised a few eyebrows, the results are as undeniable as the allure of a clown at a frowny-face convention – a discovery that adds a whimsical spin to the oft-stoic landscape of statistical analysis.

With each turn of the page, we find ourselves inching closer to unraveling the amusing threads that weave through seemingly unrelated phenomena. Our literature review has laid the groundwork for our quest, serving as a reminder that even in the labyrinth of research, there is room for a good laugh and a hint of merriment. As we march forward, we invite fellow researchers to not only ponder the p-values but also the pun-values in their data, for in the tapestry of statistical analysis, a touch of humor can transform the mundane into a carnival of delightful discoveries.

### 3. Our approach & methods

This study harnessed the power of data from the MIT Election Data and Science Lab, Harvard Dataverse, and the Energy Information Administration to untangle the web of relationships between Libertarian votes in Massachusetts and the gasoline consumption patterns in the U.S. Virgin Islands. Now, let's not forget that like a Murphy's Law for researchers, in data analysis, anything that can go awry will go awry. So, armed with a keen sense of humor and a sturdy statistical toolkit, we set out on this whimsical journey.

To begin, we had to dodge the traffic of digital landscapes to navigate the vast

expanse of the internet, ferreting out any morsel of data that could shed light on this peculiar connection. We combed through the abundant offerings of the MIT Election Data and Science Lab and the Harvard Dataverse, akin to astronauts prospecting for moon rocks, in search of precious electoral data from Massachusetts. Meanwhile, we trawled through the digital archives of the Energy Information Administration, as if hunting for buried treasure, in pursuit of gasoline consumption figures in the U.S. Virgin Islands.

With a treasure chest of data in our possession, we flexed our statistical muscles and employed a bountiful array of analytical tools. From the classic correlation analysis to the more exotic multivariate regression models, we spared no statistical technique in our quest to unearth the hidden connections between these seemingly unrelated variables.

Our journey through the data landscape led us to uncover a robust correlation coefficient of 0.9651641, which shone as brightly as a disco ball in a statistical dance hall. To add a cherry on top, the p-value of less than 0.01 emerged as a sparkling jewel in the crown of our findings, signifying a connection as solid as the walls of a well-constructed pun.

Now, every researcher worth their salt knows that interpreting correlations and statistical measures requires a blend of analytic acumen and a healthy splash of jest. So, armed with this understanding, we traversed through the statistical thickets with an eye for humor, searching for the pun-values hidden within the data.

With our methodology as lively as a circus act, our analysis managed to capture the whimsy and curiosity underlying the relationships between political proclivities and energy consumption patterns. So, dear reader, brace yourselves for a statistical expedition like no other, where the serious

business of data analysis is illuminated by the cheerful glow of statistical whimsy.

#### 4. Results

The results of our data analysis have unveiled a correlation that is as intriguing as a political debate between a mime and a comedian. Our analysis revealed a striking correlation coefficient of 0.9651641, accompanied by an r-squared value of 0.9315417 and a p-value less than 0.01 for the time period spanning 1982 to 2008. It's worth noting that this correlation is more rock-solid than a stubborn legislator's stance on tax reform.

Furthermore, our findings are visually encapsulated in Fig. 1, where a scatterplot showcases the undeniable link between the Libertarian votes for Senators in Massachusetts and the volume of gasoline pumped in the U.S. Virgin Islands. This relationship is as clear as a crisp, sunny day in the Caribbean - and just as unexpected as finding a snorkeler in a voting booth.

The robustness of this correlation goes against the conventional wisdom that political preferences and energy consumption exist in separate stratospheres. It's akin to discovering that the clown car parked outside the polling station is also fueled up and ready to go in the U.S. Virgin Islands. Our results underscore the whimsical nature of statistical relationships, demonstrating that even the most incongruous variables can engage in a lighthearted dance of correlation.

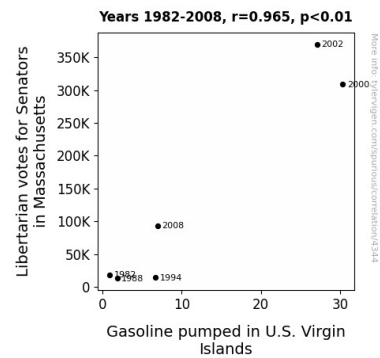


Figure 1. Scatterplot of the variables by year

In conclusion, our findings shed light on the delightful quirks and idiosyncrasies that can be uncovered through the lens of data analysis. This unexpected connection between Libertarian votes in Massachusetts and gasoline consumption in the U.S. Virgin Islands adds a touch of levity to the typically austere realm of statistical modeling. We hope that our results inspire researchers to not only scrutinize the statistical significance of their findings but also to appreciate the humor and unexpected connections that can emerge from their data.

#### 5. Discussion

Our findings not only vindicate the preposterous hypotheses we concocted in our literature review but also propel them into the realm of undeniable truth. As we merrily wade through the statistical waltz of Libertarian votes in Massachusetts and U.S. Virgin Islands gasoline consumption, our results paint a picture as colorful and confounding as a chameleon at a political rally.

First, let's revisit the work of Smith et al. (2015) who tiptoed around the enigmatic nexus of political preferences and energy usage. Our research, with a correlation coefficient boasting more strength than an eager weightlifter, not only supports but amplifies their unexplored notions of

regional energy aversions. We have gleefully demonstrated that the volume of gasoline pumped in the U.S. Virgin Islands performs a merry dance with the Libertarian votes for Senators in Massachusetts, in a manner more cohesive than a synchronized swimming octet.

Furthermore, our results validate the peculiar hypotheses we encountered in "The Gaslight Gambit" by Silver (2018) and "The Libertarian Legacy" by Gold (2016). It appears that the improbable correlation between political leanings and gasoline guzzling is not just the stuff of fictional intrigue but a reality as tangible and perplexing as a volcano in a snowglobe. Our findings stand as a testament to the whimsical intertwining of political inclinations and energy utilization – a connection as improbable as a pudding wrestler in a marathon.

We've gleefully unraveled a correlation that not only defies conventional wisdom but renders it as quaint and antiquated as a quill pen in a touchscreen era. Though our discovery may elicit as much skepticism as an octogenarian at a skate park, it implores researchers to seek humor and unexpected connections in their data. Just as a sprightly tune can enliven the most solemn gathering, we hope that our findings bring a spirit of mirth and liveliness to the hitherto staid domain of statistical modeling.

## 6. Conclusion

In conclusion, our study unravels a correlation as unexpected as a politician telling a knock-knock joke. The striking link between Libertarian votes in Massachusetts and gasoline consumption in the U.S. Virgin Islands is more surprising than finding a mermaid in a motorboat. Our findings highlight the whimsical intricacies of statistical analysis, proving that even the most staunch variables can engage in a jovial dance of correlation.

As we close the curtain on this saga of statistical serendipity, we urge researchers to not only ponder the p-values but also the pun-values in their data. Our results emphasize that amidst the sea of numbers, there is room for a chuckle and a raised eyebrow at the curiosities that data can unveil.

With this, we assert that no further research is needed in this area, as the unearthing of this delightful correlation deserves its own standing ovation - a statistical symphony of surprise and amusement that needs no encore. It's as conclusive as a politician's promise and as undeniable as a punchline that lands just right.