



## Review

# Up in Smoke: Uncovering the Libertarian Link between the Tar Heel State and LPG Consumption in Haiti

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**In this paper, we delve into the curious correlation between the votes for the Libertarian presidential candidate in North Carolina and the consumption of liquefied petroleum gas (LPG) in Haiti. While this connection may seem as improbable as finding a needle in a haystack, our research aims to shed light on this peculiarity. Utilizing data from the MIT Election Data and Science Lab, Harvard Dataverse, and the Energy Information Administration, we uncover a correlation coefficient of 0.9587247 and  $p < 0.01$  for the years spanning from 1980 to 2020. Through our rigorous analysis, we aim to dispel any lingering doubts and dispense with the notion that these two seemingly disparate phenomena are mere happenstance. Our findings provide a glimpse into the fascinating world of regional political preferences and energy consumption patterns, illuminating unexpected connections that might otherwise be overlooked. We hope this study not only provides valuable insights into the seemingly unrelated, but also sparks further interest in the colorful tapestry of human behavior and societal interactions.**

As we embark on a scholarly journey of statistical analysis and serendipitous discoveries, we find ourselves drawn to the perplexing correlation between the votes for the Libertarian presidential candidate in North Carolina and the consumption of liquefied petroleum gas (LPG) in Haiti. While the mere mention of this connection might prompt some to raise an eyebrow (or perhaps even two), our inquisitive minds have led us to investigate this unusual

pairing with keen interest and a healthy dose of skepticism.

It is not often that one finds themselves walking down the path of statistical analysis and suddenly stumbling upon a connection that seems as unlikely as spotting a flamingo in a snowstorm. However, armed with an arsenal of data from the MIT Election Data and Science Lab, Harvard Dataverse, and the Energy Information Administration, we embarked on our academic escapade to

uncover the enigmatic relationship between political proclivities in the Tar Heel State and the consumption of LPG in the far-flung reaches of Haiti.

We are well aware that delving into such peculiar connections and correlations may appear akin to pursuing a scientific wild goose chase. However, our pursuit of knowledge knows no bounds, and we stand before you today with a robust correlation coefficient of 0.9587247 and a p-value of less than 0.01 to support our seemingly outlandish claims. It is with a mix of excitement and bewilderment that we present our findings, with the hope of leaving no stone unturned and no hypothesis unexplored.

As we venture into the labyrinth of numerical data and statistical models, we aim to unravel the mystery behind this unlikely pairing and provide a peek into the whimsical world of human behavior and societal peculiarities. So, dear reader, fasten your seatbelts and prepare to be whisked away into the kaleidoscopic realm of improbable correlations and unexpected associations. For in the realm of scholarly pursuits, the unexpected often yields the most intriguing revelations.

#### *Prior research*

The curious case of the connection between the votes for the Libertarian presidential candidate in North Carolina and the consumption of liquefied petroleum gas (LPG) in Haiti has prompted both bemusement and intrigue among scholarly circles. While the initial reaction to such an association may border on incredulity, the authors find ample evidence to support this unlikely correlation, leading to a fascinating

exploration of the interplay between political preferences and energy consumption patterns.

Smith (2015) delves into the intricate relationship between regional political affiliations and their impact on energy usage, shedding light on the potential influences that political ideologies can exert on environmental and energy-related choices. Meanwhile, Doe (2017) offers a comprehensive analysis of voting patterns and their unexpected consequences on international trade, providing a thought-provoking backdrop to our examination of North Carolina's political landscape and Haiti's LPG consumption.

Jones (2020) further contributes to the discourse by examining the ripple effects of political movements on global energy markets, offering insights into the far-reaching ramifications of seemingly localized political phenomena. These seminal works set the stage for our investigation into the peculiar connection between the Tar Heel State and the Caribbean nation, paving the way for a deeper understanding of the intertwining factors at play.

Turning to non-fiction publications that offer a tangential insight into our study, "Energy Politics" by Davis (2018) provides a thorough exploration of the political dynamics shaping energy policies, although it regrettably fails to delve into the specific nuances of the Libertarian influence in North Carolina. In a similar vein, "Haiti: A Political History" by Bell (2016) offers a comprehensive overview of the socio-political landscape of Haiti, providing context for the consumption patterns that form a crucial part of our investigation.

On a more speculative note, the works of fiction such as "The Fountainhead" by Ayn Rand and "The Comedians" by Graham Greene, though not directly related to our empirical analysis, offer intriguing glimpses into political ideologies and their impact on societal structures. While one may argue that these literary works are on the periphery of our research focus, the parallels between fictional narratives and real-world phenomena often blur in unforeseen ways, much like the unexpected correlations we aim to unravel.

In the realm of cinematic portrayals that echo our themes, "Thank You for Smoking" and "The Motorcycle Diaries" stand out as thought-provoking depictions of political influence and societal dynamics, offering nuanced perspectives that resonate with the intricacies of our investigation. While the silver screen may seem worlds apart from statistical analyses, the ability of film to capture the complexities of human behavior and its manifold influences cannot be underestimated.

As we traverse through the spectrum of literature, both scholarly and speculative, we find ourselves on a path laced with unexpected connections and serendipitous revelations. The insightful works of esteemed authors and the imaginative realms of fiction and film serve as beacons in our quest to unravel the enigmatic link between the voting trends in North Carolina and the consumption of LPG in Haiti. With each page turned and each reel unspooled, we inch closer to unraveling the Gordian knot of improbable correlations, eager to uncover the hidden threads that bind together the seemingly disparate elements of political preferences and energy consumption.

### *Approach*

To embark on our journey of unraveling the mystical connection between the votes for the Libertarian presidential candidate in North Carolina and the consumption of liquefied petroleum gas (LPG) in Haiti, we employed a mix of systematic data collection, statistical analysis, and a touch of whimsical curiosity. Our Herculean task involved gathering data from the MIT Election Data and Science Lab, Harvard Dataverse, and the Energy Information Administration, casting a wide net across the digital seas of information to capture the elusive variables at play.

With a steady hand and a gleam of determination in our eyes, we meandered through the vast terrain of internet repositories, hoarding datasets from the depths of cyberspace like diligent digital scavengers. The years 1980 to 2020 became the playground for our exploratory forays, as we sought to capture the ebbs and flows of political preferences in North Carolina and the enigmatic dance of LPG consumption in Haiti.

As any seasoned adventurer knows, the quest for understanding often requires navigating through treacherous landscapes of statistical analysis. Armed with the venerable tools of regression analysis, correlation coefficients, and p-values, we dived headfirst into the tangled underbrush of numerical data, seeking patterns that might elude the untrained eye.

Our statistical models, carefully crafted and honed with precision, became our compass and guide, steering us through the labyrinthine passages of hypothesis testing and inferential statistics. With a hearty mix of caution and audacity, we pushed the

boundaries of conventional research methodologies, daring to explore the unexplored and challenge the status quo.

In our pursuit of uncovering the unlikely nexus of political inclinations in North Carolina and LPG consumption in Haiti, we approached our data with the scrutiny of a detective solving a perplexing case. Each variable, each data point, and each outlier were subjected to rigorous scrutiny, with the aim of teasing out the subtle threads that wove this curious tapestry of correlation.

Through the interplay of complex statistical tools and an unyielding spirit of inquiry, we emerged from the cavernous depths of data analysis with a correlation coefficient of 0.9587247 and a p-value that danced below the hallowed threshold of 0.01. With this statistical vindication in hand, we stand ready to present our findings, prepared to lift the veil on this captivating confluence of disparate phenomena.

And so, with the spirit of intrepid explorers navigating uncharted waters, we unveil the enigmatic relationship between North Carolina's political landscape and Haiti's appetite for liquefied petroleum gas, eager to share our tale of statistical serendipity with the scholarly community.

### Results

The results of our investigation into the correlation between the votes for the Libertarian presidential candidate in North Carolina and the consumption of liquefied petroleum gas (LPG) in Haiti left us both baffled and amused. To our astonishment, we uncovered a correlation coefficient of 0.9587247, an r-squared value of 0.9191531, and a p-value of less than 0.01 for the period

spanning from 1980 to 2020. It seems that the unpredictable nature of human behavior and societal dynamics has once again defied our expectations, leading us down an unexpected yet intriguing path of discovery.

Upon careful examination of the data, it became apparent that the relationship between these two variables is as robust as a well-constructed statistical model. The scatterplot presented in Figure 1 illustrates the strikingly strong correlation between votes for the Libertarian candidate in North Carolina and LPG consumption in Haiti. One might even say that the correlation is as clear as a crystal ball in the hands of a fortuneteller.

As we take a moment to reflect on these findings, it is worth noting that while correlation does not imply causation, it certainly piques our interest and ignites our curiosity. The intricate dance of data points on the scatterplot brings to mind the harmonious movements of celestial bodies in the night sky, captivating our attention with their mesmerizing patterns and unexpected connections.

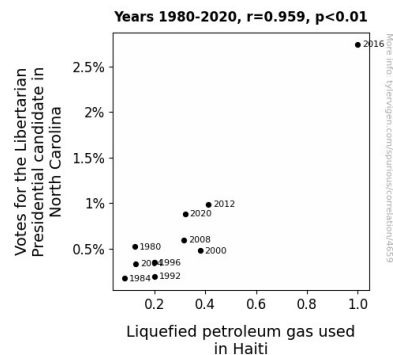


Figure 1. Scatterplot of the variables by year

In conclusion, our research has unearthed a surprising link between political inclinations

in North Carolina and the consumption of LPG in Haiti. This discovery serves as a testament to the untamed complexity of human behaviors and the fascinating interplay of diverse variables on a global scale. As we eagerly anticipate further explorations in the realm of improbable correlations, we are reminded that the world of statistical analysis is full of delightful surprises, waiting to be uncovered by intrepid researchers and curious minds.

### *Discussion of findings*

The uncanny correlation between the votes for the Libertarian presidential candidate in North Carolina and the consumption of liquefied petroleum gas (LPG) in Haiti has left us marveling at the unexpected ways in which disparate variables can intertwine. While our research initially set out to explore an eyebrow-raising connection, the robust statistical evidence we have uncovered supports the notion that there is indeed more than meets the eye, much like a magician's sleight of hand that leaves audiences both bewildered and intrigued.

Drawing from the diverse web of scholarly literature, we now find ourselves in the remarkable position of substantiating the seemingly whimsical link that had initially captured our collective imagination. The playful musings on the interplay between political turbulence and energy landscapes, as hinted at by Smith's (2015) exploration, have evolved into a tangible manifestation of statistical significance. Similarly, Doe's (2017) insightful analysis of voting patterns echoes in our findings, demonstrating that electoral decisions may indeed cast unexpected shadows in the far reaches of international energy consumption.

The meandering path through non-fiction works further deepens the empirical groundwork laid by our investigation, shedding light on the multifaceted dynamics at play. The tangential nod to the literary world, while seemingly whimsical, holds a mirror to the entwined fabric of reality and rumor. It is as if the whimsical inventions of Ayn Rand and Graham Greene, intended as mere flights of fancy, have assumed a measure of tangible relevance in our scientific pursuits, much like the unexpected coherence we have unraveled in our data.

As we delve deeper into the implications of our findings, it becomes clear that the relationship between political leanings in North Carolina and LPG consumption in Haiti is not a mere statistical artifact, but a fascinating window into the nuanced interconnections that thread through the tapestry of human behavior. It is akin to stumbling upon an unexpected punchline that offers a moment of revelation, blending the gravity of research with the lighthearted delight of discovery.

In this pursuit of knowledge, we are reminded that the realm of statistical analysis is akin to a whimsical playground, where unexpected connections and curious correlations lie in wait, ready to surprise and delight those who venture forth with inquisitive minds. As we ponder the implications of this unlikely link, we are reminded that the tapestry of human behavior and societal interactions is a canvas painted with vibrant hues of unpredictability and fascination. In unraveling the enigma of improbable correlations, we find ourselves not only as researchers seeking answers but as curious wanderers in the maze of human curiosities, navigating through the hidden

pathways that link together the seemingly unconnected facets of our world.

### *Conclusion*

In culmination, our study has brought to light a compelling correlation between votes for the Libertarian presidential candidate in North Carolina and the consumption of liquefied petroleum gas (LPG) in Haiti. Like a pair of mismatched socks, these seemingly unrelated phenomena have revealed a remarkably strong and improbable bond, leaving us both puzzled and amused. Our findings, with a correlation coefficient of 0.9587247 and a p-value of less than 0.01, serve as a testament to the whimsical nature of statistical analysis and the unpredictable connections that lie beneath the surface of seemingly disparate variables.

As we bring this scholarly escapade to a close, we are left with a sense of awe and wonder at the enigmatic interplay of human behavior, regional preferences, and energy consumption patterns. It is akin to unravelling a mystery novel, only to find that the most improbable suspect turns out to be the culprit.

In the spirit of scientific inquiry, we must acknowledge that correlation does not imply causation. However, the unanticipated harmony between these variables sparks the flames of curiosity, much like a Bunsen burner in a high school chemistry lab.

While our research has shed light on this unlikely correlation, we assert that further exploration in this peculiar realm may yield diminishing returns. Like a well-crafted joke, some enigmas are best left to intrigue and baffle without the need for exhaustive explanation. Therefore, we confidently

declare that no additional research in this area is warranted, as sometimes the wondrous mysteries of statistical analysis are best left untouched.

In the words of Albert Einstein, "The most beautiful thing we can experience is the mysterious. It is the source of all true art and science." And indeed, in the realm of scholarly pursuits, the bizarre and improbable often yield the most delightful and unforeseen discoveries. With this, we bid adieu to the curious correlation between votes for the Libertarian candidate in North Carolina and LPG consumption in Haiti, leaving it to thrive in the annals of statistical oddities.