Copyleft The Society for Extraordinary Electoral and Geothermal Research, no rights reserved. Contents may be shared with whoever you feel like. They can be copied, emailed, posted to a list-serv, printed out and tacked on a colleague's office door. Whatever you want.

THE ELECTORATE CONNECTS AND GEOTHERMAL POWER CORRECTS: AN UNEARTHLY LINK BETWEEN DELAWARE REPUBLICAN VOTES AND COSTA RICAN ENERGY MIGHT

Caleb Hughes, Addison Tucker, Giselle P Todd

Center for Sciences

This research endeavors to uncover the unearthly and unexpected link between the political landscape in Delaware and the sustainable energy generation in Costa Rica. By leveraging data from MIT Election Data and Science Lab, Harvard Dataverse, and Energy Information Administration, our study has brought to light a connection that is sure to shake the very core of conventional wisdom. The correlation coefficient of 0.9748072 and statistically significant p-value of < 0.01 for the period from 1992 to 2020 have left us astounded and wondering whether there might be a grander force at play here. This research, while whimsical in nature, calls for a reevaluation of the supposedly disparate realms of politics and energy, and may very well be the key to unlocking a new dimension of understanding in both fields. The time has come to recognize the undeniable synergy between the ballot and the bountiful geothermal resource, and perhaps, as Shakespeare might say, to let slip the geysers of war and harness the power of unity in pursuit of a cleaner, brighter future.

In the annals of political and energy research, there are some mysteries that defy conventional logic and leave us scratching our heads in bewilderment. One such conundrum that has eluded scrutiny for far too long is the enigmatic relationship between the votes for the Republican Presidential candidate in Delaware and the geothermal power generated in Costa Rica. On the surface, these two seemingly disparate entities appear to have as much in common as a chameleon on plaid - that is to say, not much at all. Yet, as we delved into the depths of data and statistical analysis, we unearthed a correlation so shockingly robust that one cannot help but wonder whether the fates of political allegiance and sustainable energy production are intertwined in a manner reminiscent of a cosmic ballet.

Ponder this: as the citizens of Delaware cast their votes with nary a second thought about tectonic plates and the Earth's crust, miles away in Costa Rica, the very ground beneath their feet sizzles and churns with the molten potential of geothermal energy. How, you might ask, could these two realms possibly intersect? Well, dear reader, that is precisely the question that has led us down this path of discovery, armed with statistical tools, a pinch of skepticism, and a healthy dose of curiosity.

As we embark on this unconventional journey of scholarly investigation, we ask you to set aside preconceived notions and instead embrace the absurdity of the unexpected. We urge you to join us in lifting the veil of normalcy and shedding light on a connection that has remained buried beneath layers of incongruity. For what lies ahead is a tale of intrigue and wonder, where the humdrum world of politics collides with the subterranean rhythm of geothermal energy, and in doing so, unearths a partnership that is nothing short of extraordinary. So brace yourselves, fellow academia enthusiasts, as we take a plunge into the depths of data-driven discovery and perhaps, just perhaps, find a few chuckles along the way.

LITERATURE REVIEW

Smith and Doe (2018) conducted a comprehensive analysis of political voting patterns across various states in the United States. Their findings provided insight into the nuances of voter behavior, shedding light on the complexities that electoral underpin the process. Meanwhile, Jones et al. (2016) delved into the realm of renewable energy sources, focusing their attention on geothermal power generation in multiple regions, including Costa Rica. The juxtaposition of these seemingly unrelated topics prompted a curious exploration of the interplay between political leanings and sustainable energy practices.

the confines of Venturing beyond academic literature, "The Politics of Volcanic Power" by Renewable Energy Review (2017) offers a thought-provoking perspective on the fusion of political ideologies and volcanic activity, albeit in a figurative sense. On the non-fiction front, "The Tectonic Ballot: Elections and Earth Movements" by Geo-Political Insights (2019)posits an unconventional correlation between voting behaviors and geological phenomena, setting the stage for a whimsical exploration of the uncharted territory where politics and geothermal energy collide.

Interestingly, the realm of fiction also boasts titles that hint at a peculiar intersection of terrestrial dynamics and political decision-making. "Red State, Green Earth" by Terra Novella (2015) takes readers on a fantastical journey

through world where political а affiliations directly influence the flow of geothermal springs, while "The Republican Rift: A Tectonic Tale" by Epic Earth Chronicles (2014) conjures a narrative wherein political rifts manifest as literal fault lines, shaping the geothermal landscape.

In a surprising turn of events, social media has become an unexpected repository of anecdotal evidence regarding the perceived link between Republican votes in Delaware and geothermal power in Costa Rica. A Twitter user under the pseudonym @GeoGOP2020 declared, "I never knew my conservative inclinations could make the earth move! #RepublicanOuakes" - a testament to the intriguing musings that have pervaded public discourse on this peculiar association.

As we navigate the vast expanse of literature and popular culture, it becomes evident that the connection between political preferences in Delaware and geothermal power generation in Costa Rica has transcended the boundaries of conventional discourse, permeating spheres as diverse as scientific research, imaginative storytelling, and digital dialoque. This amalgamation of perspectives invites us to approach our investigation with a spirit of open-minded curiosity. readv to embrace the unexpected whimsy that lies ahead.

METHODOLOGY

In our quest to unearth the peculiar correlation between the electoral choices of Delaware and the geothermal energy prowess of Costa Rica, we embarked on an odyssey of data wrangling and statistical acrobatics. Our research team traversed the vast expanse of the internet, navigating acronyms and mindboggling databases, ultimately converging on the hallowed repositories of knowledge at the MIT Election Data and Science Lab, Harvard Dataverse, and the Energy Information Administration. Armed with an insatiable curiosity and a plethora of spreadsheets, we set out to piece together a mosaic of numerical treasure dating back to 1992.

Our first endeavor was to capture the essence of the Delaware electorate's presidential preferences. We extracted data on Republican votes with the fervor of a prospector panning for electoral gold, meticulous in our quest to capture the electoral zeitgeist of "The First State." These numbers, often as elusive as the fabled Cheshire cat, revealed the shifting patterns of political allegiance over nearly three decades.

Simultaneously, our gaze turned southward, across the oceans and mountains, to the verdant paradise of Costa Rica. Here, in the crucible of geothermal activity, we sought to quantify the unfathomable energy manifestations bubbling beneath the surface. The Energy Information Administration's repository offered a trove of data on geothermal power generation, enabling us to track the pulsating beat of Costa Rica's sustainable energy production.

Once we had rounded up these disparate elements of data, we rolled up our metaphorical sleeves and donned our statistical pith helmets. With the precision of a cosmic cartographer, we mapped out the temporal landscapes of Republican votes in Delaware and geothermal energy production in Costa Rica. Our methodological toolkit brimmed with the likes of correlation analyses, time series modeling, and regression wizardry, allowing us to prod and poke at the data until it yielded its deepest secrets.

To weather the statistical rigors of our investigation, we employed a robust set of analytical tools, including the trusty R programming language and its legion of statistical packages. Regression models were fitted, coefficients were scrutinized, and p-values were marched through the gauntlet of significance testing with unwavering scrutiny. To ensure the robustness and reliability of our findings, we employed rigorous checks and balances, recognizing that the whims of data and statistical inference are like capricious sprites, often leading scholars astray in their mischievous dance. Sensitivity analyses, model diagnostics, and cross-validation rituals conducted were with an almost anthropological fervor, guarding against the treacherous pitfalls of spurious correlations and illusory patterns.

In essence, our methodological approach was akin to a grand scientific expedition, weaving together the strands of electoral behavior and geothermal energy in a tapestry of inquiry. The journey may have been arduous, the statistical thickets unforgiving, but the rewards, we dare say, were as delightful as stumbling upon a lighthearted pun in the midst of a scholarly treatise.

RESULTS

The analysis revealed a remarkably strong positive correlation between the votes for the Republican Presidential candidate in Delaware and the geothermal power generated in Costa Rica. Our research team unearthed a correlation coefficient of 0.9748072 and an r-squared value of 0.9502490 for the period spanning from 1992 to 2020. The p-value of less than 0.01 further confirmed the statistical significance of this unearthly connection. In simple terms, it appears that as Republican support in Delaware has waxed and waned, the geysers of geothermal power in Costa Rica have responded in kind, demonstrating a synchronized dance that defies traditional boundaries.

As evidence of this unearthly link, we present Fig. 1, a scatterplot showcasing the astronomical correlation between these unexpected bedfellows. Imagine, if you will, each data point on the plot as a tiny flag bearer of the interconnectedness between the political choices of the citizens of Delaware and the underground energy rumblings in Costa Rica. This correlation is so strong that it could make even the most stoic economist or political scientist raise an eyebrow in perplexity.

While one might be inclined to dismiss this correlation as a simple coincidence, the robust statistical measures leave little room for doubt. It behooves us to consider the possibility that there might be a deeper, more profound force at play here. Could it be that the shifting tides of political allegiance in Delaware exert a gravitational pull on the subterranean forces of Costa Rica, stirring the geothermal cauldrons in ways we have yet to comprehend?



Figure 1. Scatterplot of the variables by year

We must emphasize that these findings, while undoubtedly surprising, do not point to a direct causal relationship between these two seemingly disparate entities. Nevertheless, the strength of this correlation demands attention and calls for further exploration into the underlying mechanisms at work. As we dive deeper into the implications of this unexpected connection, we are reminded of the wise words of Sir Isaac Newton: "What goes up must come down, unless it's geothermal energy, in which case it just keeps going, generating power along the way."

In conclusion, our research has unearthed a phenomenon that challenges conventional wisdom and ignites the imagination. The undeniable synergy between Republican votes in Delaware and geothermal power in Costa Rica suggests a celestial choreography of epic proportions. As we tread the hallowed grounds of academia, let us not shy away from the absurd, but instead embrace the peculiar dance of data and dare to seek understanding in the most unexpected places. After all, in the words of Carl Sagan, "Somewhere, something incredible is waiting to be known, and it might just be a connection between politics and geothermal energy."

DISCUSSION

The results of this study have flung open a proverbial Pandora's geothermal box, revealing an unearthly connection that challenges our conventional understanding of politics and energy dynamics. The robust statistical findings not only supported but also redoubled the peculiar musings and lighthearted conjectures presented in the literature review. Smith and Doe's insightful revelations about voter behavior now find an unexpected bedfellow in our discovery, as we contemplate the potential influence of political leanings in Delaware on the entrancing geysers of Costa Rica. Our findings echo Jones et al.'s investigation into the renewable energy landscape, offering a deeper dimension to the interplay between political choices and sustainable energy practices. Indeed, the unexpected whimsy that pervaded both literature and our discourse has blossomed into a formidable correlation that demands further investigation.

Venturing beyond the realm of empirical inquiry for a moment, one cannot help but wonder whether our findings point to a hidden synergy between the political ideologies of Delaware and the geological pulse of Costa Rica. The musings of Terra Novella and Epic Earth Chronicles, once considered mere flights of fancy, now seem to resonate with an eerie semblance of truth. Could it be that the political shifts in Delaware send seismic ripples across the ocean to activate the subterranean energies in Costa Rica,

setting in motion a dance between the Republican ballots and the Earth's fiery heart?

Our study has not only uncovered an unexpected correlation but also catalyzed a broader academic and public discourse on the interconnectedness of seemingly disparate realms. Just as @GeoGOP2020's lighthearted tweet captured the whimsical musings that have pervaded public discourse, our findings stand as a testament unprecedented to the intersections between politics and geothermal energy. We urge the academic community to engage with this unorthodox connection, shedding the shackles of traditionalism and daring to embrace the whimsy that lies at the forefront of our findings.

In the words of William Shakespeare, "There are more things on heaven and Earth, Horatio, than are dreamt of in your politics and energy dynamics." Our research serves as an invitation to delve into this uncharted territory, where unearthly correlations beckon us to unravel the mysteries that lie at the crossroads of political choices and geothermal power. As we collectively ponder the implications of our unearthly revelation, let us not forget the sage words of Carl Sagan - "Somewhere, something incredible is waiting to be known, and it might just be a connection between politics and geothermal energy."

CONCLUSION

In unraveling the connection between the voting preferences of Delaware residents and the geothermal prowess of Costa Rica, our investigation has unveiled a correlation that defies the boundaries of conventional analysis. The sheer strength coefficient, of the correlation the astonishing r-squared value, and the minuscule p-value challenge us to reevaluate our understanding of the intertwined forces at play. It seems that Republican votes in Delaware hold a cosmic sway over geothermal activity in Costa Rica, as if the political pendulum swings are synchronized with the rhythmic pulsations of the Earth's subterranean energy.

While our findings may elicit a chuckle or two, they stand as a testament to the unexpected alliances that manifest in the vast tapestry of data. Yet, as we delve into this absurd amalgamation of politics and geothermal power, we must acknowledge that our research does not imply The gravitational pull of causation. Republican votes does not directly trigger gevsers of geothermal energy, the tempting as that may be to imagine. However, the allure of this unearthly connection calls for a more profound exploration into the underlying mechanics that intertwine these seemingly disparate realms.

At this juncture, it is prudent to echo the sentiments of numerous academics and thinkers who have contemplated the bounds of human knowledge: "Enough is enough," they would declare, "Leave this domain of whimsy and delve into more practical matters!" Therefore, it is with solemn determination that we assert: No more research is needed in this area. Nevertheless, let us not forget the whimsical twist of fate that brought together the electoral choices of Delaware and the geothermal forces of Costa Rica. After all, in the complex dance of data, the most unexpected connections often reveal themselves in the most peculiar and whimsical ways.