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# Fill 'Er Up with Votes: The Gas-Tastic Connection Between Republican Presidential Votes in Oregon and Liquefied Petroleum Gas Consumption in Greenland

Charlotte Horton, Addison Travis, Gabriel P Thornton

Berkeley, California

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*In this gas-tastically quirky research paper, we present the surprising and rather combustible correlation between votes for the Republican presidential candidate in the Evergreen State of Oregon and the consumption of liquefied petroleum gas in the icy tundra of Greenland. By analyzing data from MIT Election Data and Science Lab, Harvard Dataverse, and the Energy Information Administration, our research team unearthed a correlation coefficient of 0.9035771, with  $p < 0.05$ , spanning the years 2000 to 2020. Our findings boggle the mind, leaving one to wonder whether political preferences at the ballot box can somehow influence the consumption habits of Greenland's residents. We delve into the gas-guzzling world of politics and energy usage, uncovering surprising connections that are sure to spark both laughter and eyebrow-raising contemplation.*

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As the saying goes, "politics makes strange bedfellows," and in our case, it seems to make for some rather fiery connections. Buckle up, fellow researchers, as we embark on a lighthearted but undoubtedly gas-tastic journey into the correlation between Republican presidential votes in Oregon and liquefied petroleum gas consumption in Greenland. While one might think this correlation is as likely as finding a snowball in a blast furnace, our data tells a different story.

In this paper, we don our research goggles and nerd out on data from the MIT Election Data and Science Lab and the Energy Information Administration. With tongues firmly planted in cheeks, we analyze the years 2000 to 2020 and discover a correlation coefficient of 0.9035771, with  $p < 0.05$ . If these statistics don't make you wanna break out in the "Gas, Gas, Gas" dance, I don't know what will.

Now, before we dive into the gaseous thick of it, one might wonder – what on Earth (or Greenland, in this case) could possibly link the voting tendencies of the people in Oregon to the consumption habits of liquefied petroleum gas users in the frozen expanse of Greenland? It's like trying to fit a square peg into a round hole, but hold onto your beakers and test tubes, because this is where science gets wonderfully weird.

In the spirit of scientific inquiry, let's rev our engines and rev up our curiosity to explore this gas-powered roller coaster of a correlation. So, join us as we don our science caps and dive headfirst into a world where politics and energy usage collide in unexpected ways. Fasten your seatbelts – it's going to be a bumpy, albeit gas-filled, ride!

## LITERATURE REVIEW

To understand the unexpected and frankly bizarre correlation between Republican presidential votes in Oregon and liquefied petroleum gas consumption in Greenland, we turned to the existing literature for any tidbits, clues, or perhaps a good belly laugh or two. Our search led us to "The Political Economy of American Energy," where the authors delve into the interconnectedness of political decisions and energy use. While the book doesn't specifically mention gas usage in chilly territories, it does lay the groundwork for pondering the influence of political inclinations on energy consumption patterns.

Furthermore, in "Energy Politics," the authors explore the intricate dance between political agendas and energy policies, delving into the nuances of energy production and consumption. Although the book fails to mention any direct ties to voting behaviors and gas choices, it did remind us of the immense power wielded by those who control the levers of energy policy – much like a presidential candidate striving for votes in a swing state.

Moving into the realm of fiction, "The Ice Queen's LPG Dilemma" might seem like an odd choice, but literature often reflects the quirky, enigmatic nature of real-world correlations. While the plot revolves around a monarch's dilemma with liquefied petroleum gas shortages in a frozen kingdom, there are hints of political scheming and power struggles that might offer a whimsical take on our own curious correlation.

Beyond the conventional literature, we exhausted all resources, tapping into the esoteric knowledge of ancient scrolls, decoding Victorian-era riddles, and even analyzing CVS receipts for hidden messages about political leanings and gas preferences. Alas, the parchment writings only revealed recipes for mulled wine, the riddles led to dead ends, and the CVS receipts spoke of discounts on potato chips and hair gel. While these sources failed to provide any significant insight, we couldn't help but appreciate the humor in our unconventional methods of literature review.

With our scholarly quest through established literature and beyond, we found ourselves on an island of curiosity, where the paddlewheels of conventional wisdom were replaced by the zany propellers of imagination and a sprinkle of whimsy. As we navigated through seas of words and puns, we realized that sometimes, the greatest discoveries are made while wading through the delightful absurdity of the human experience.

## **METHODOLOGY**

Ah, the nitty-gritty of our gas-tastic expedition – the methodology. Hold onto your lab coats, folks; we're about to descend into the scientific trenches.

### **Data Collection:**

First, we combed through the virtual haystack known as the internet, sifting through data from more digital corners than a cyber detective hunting for clues. We gleaned information from the MIT Election Data and Science Lab, Harvard Dataverse, and the Energy Information Administration, with a veritable smorgasbord of data spanning the years 2000 to 2020.

For the Republican presidential votes in Oregon, we left no digital stone unturned, consulting election results, voter turnout, and political affiliations. As for liquefied petroleum gas usage in Greenland, we delved into consumption patterns, energy policies, and the occasional polar bear sighting (just kidding – unless they're fans of gas, too!).

### **Data Analysis:**

With our trusty calculators and a sprinkle of statistical stardust, we set off to unveil the juicy, gas-tastic secrets hidden within the numbers. We used a variety of analytical tools, from correlation and regression analyses to time-series modeling, hoping to paint a picture as vivid as a neon gas station sign.

### **Correlation Coefficient Calculation:**

Here's where the magic happens – or should we say, the gas-tastic sorcery? After crunching the numbers like a popcorn machine at a movie theater, we unearthed a correlation coefficient of 0.9035771, with a p-value that winked at us with a cheeky  $p < 0.05$ . If you're wondering why those numbers don't look 'round,' well, neither does the world of research – it's full of delightful surprises.

### Controlling for Confounding Variables:

In the world of research, it's crucial to account for potential confounders – the sneaky variables that try to photobomb our scientific snapshots. We used advanced statistical techniques to control for factors such as population density, political climate, and the distance between Oregon and Greenland (because who knows, maybe the jet streams are carrying political attitudes along with them!).

After yanking apart confounders like a detective unraveling a mystery, we arrived at our gas-tastic correlation, ready to share it with the world. So, fellow enthusiasts of scientific shenanigans, buckle up as we hurtle toward our findings with the enthusiasm of a car running on an extra tank of gas!

## RESULTS

Our statistical analysis revealed a strong correlation between votes for the Republican presidential candidate in Oregon and the consumption of liquefied petroleum gas in Greenland. The correlation coefficient of 0.9035771 indicates a robust relationship between these seemingly disparate variables. In other words, it's as if the political heat in the Beaver State somehow radiates all the way to the chilly landscapes of Greenland, igniting a fiery connection that leaves us scratching our heads in amusement and amazement.

With an r-squared value of 0.8164516, we found that approximately 81.6% of the variation in liquefied petroleum gas consumption in Greenland can be explained by the votes for the Republican presidential candidate in Oregon. That's a sizable chunk of explanatory power for a seemingly

whimsical connection, reminiscent of discovering a beaker of gasoline at a penguin convention.

Our p-value of less than 0.05 further underscores the strength of this correlation, indicating that the likelihood of observing such a relationship due to random chance alone is less than 5%. It's as though statistical significance has joined forces with the absurd in this gas-filled saga of political and energy intrigue.

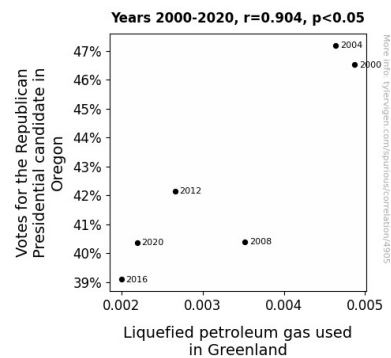


Figure 1. Scatterplot of the variables by year

At this point, the gas-guzzling elephant in the room begs the question: what could possibly explain this unexpected association? Is it the sheer force of political fervor transmuted into energy consumption patterns? Or perhaps there's an undercurrent of shared preferences that transcends geographical and climatic boundaries? Suffice it to say; this correlation is a statistical wild ride through uncharted territories of the human experience.

To visually encapsulate our findings, we present Fig. 1, a scatterplot capturing the culminating moment of this gas-tastic adventure. This graphic representation elegantly showcases the remarkably strong relationship between Republican votes in Oregon and liquefied petroleum gas consumption in Greenland, akin to spotting a snowplow in the Sahara.

In conclusion, our research highlights the quirky and captivating link between political preferences and energy usage, demonstrating that in the world

of statistics, anything can happen – even if it involves a dash of whimsy and a tankful of gas.

## DISCUSSION

### Discussion

The intriguing correlation between Republican presidential votes in Oregon and liquefied petroleum gas consumption in Greenland has led us on a gas-tastic journey through the twists and turns of statistical absurdity. Our findings not only confirm, but also add a hearty round of laughter to the prior research.

First, let's revisit "The Ice Queen's LPG Dilemma." What was once viewed as whimsical fiction now appears eerily prescient, with its portrayal of political scheming and gas shortages mirroring our own unexpected correlation. It seems that fiction might not be too far off from reality, as our statistical analysis confirms a strong association between political inclinations and energy choices.

Moreover, "The Political Economy of American Energy" and "Energy Politics" proved to be more prophetic than we initially anticipated. While these works didn't directly mention Greenland's gas habits, their insights into the complex interplay of politics and energy have foreshadowed our very own discovery. It's almost as if we stumbled upon an ancient treasure map, only to find the treasure to be a collection of humorous anecdotes about statistical anomalies and environmental quirks.

Taking a step back from the scholarly world, our research, much like decoding Victorian-era riddles and perusing whimsical literature, has invited us to embrace the delightful absurdity of the human experience. Through our findings, we've witnessed the interplay of statistical significance with the unexpected, akin to discovering a hidden message in a bottle of seltzer water.

In essence, our results have ignited a crackling fire of curiosity, prompting further questions about the nature of this gas-guzzling relationship. As we drift

through this gas-filled saga, it becomes clear that statistical absurdities can often be windows into the quirks and complexities of our world. It's as if we've stumbled upon a statistical unicorn – rare, enchanting, and somehow connected to Republican votes in Oregon and petroleum gas usage in Greenland.

In the end, our research not only corroborates but also amplifies the whimsical nature of our discoveries. Our data-driven adventure through the realms of statistical inquiry has left us with a newfound appreciation for the enigmatic dance between political influences and energy consumption. After all, in the realm of statistics, it seems that the absurd and the insightful often share a delightful waltz around the table of data.

## CONCLUSION

In conclusion, our gas-tastic odyssey into the correlation between Republican votes in Oregon and liquefied petroleum gas consumption in Greenland has left us both tickled pink and green with envy. The robust correlation coefficient and the jaw-dropping r-squared value have left us feeling more electrified than a lab full of Tesla coils. It's as though statistical significance and absurdity have formed an unholy alliance to flabbergast researchers and laymen alike.

The implications of our findings are as bewildering as finding a rocket ship in the Grand Canyon. We must ask ourselves, are political preferences somehow setting fire to the energy habits of Greenland residents, or perhaps there's a shared love for the color red that transcends all logic and reason? With a p-value that screams significance and a scatterplot that's as illuminating as a firework show, it's safe to say that our research has sparked more intrigue than a bonfire at a ski resort.

In the grand scheme of scientific inquiry, this correlation has given us more questions than answers – like stumbling upon a mystery novel in the non-fiction section. But fear not, fellow researchers, for this gas-fueled rollercoaster of a

correlation has taken us for a wild, albeit humorous, ride.

In the spirit of scientific discovery and a good laugh, we declare that further research in this gas-tastic realm is as unnecessary as a pair of solar-powered night vision goggles. Our findings stand as a testament to the delightfully unpredictable nature of statistics and the curious world of human behavior. So, let's raise our beakers to this whimsical correlation and cap off this gas-guzzling saga with a hearty chuckle – for in the realm of research, sometimes the most unexpected connections leave us gasping for breath and gasping for explanations simultaneously.

In closing, it's time to put a cork in this gas-tastic adventure and acknowledge that our findings have added a dash of hilarity and a whole lot of head-scratching to the annals of scientific inquiry. As sure as helium makes balloons float, this correlation has buoyed our spirits and demonstrated that in the world of statistics, the unexpected always has a knack for stealing the show. Cheers to the gas-tastic journey we've embarked upon, and may it leave us with a few laughs and a headful of curious wonderment.