

From Cornfields to Connectivity: The Corncidence of Libertarian Votes in Iowa and US Internet Access Rate

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This study investigates the relationship between the rate of Libertarian votes for Senators in Iowa and the internet access rate among US citizens. Utilizing data from MIT Election Data and Science Lab, Harvard Dataverse, and Statista, we embarked on a statistical journey to uncover how a state known for its cornfields might influence the connectivity of the entire nation. Our findings revealed a robust correlation coefficient of 0.9197489 and $p < 0.01$ for the years 2000 to 2020, suggesting a surprising connection between libertarian leanings in Iowa and the accessibility of cat memes for the rest of the United States. While the results may seem out of the cornfield, our research sheds light on the curious interplay between political preferences and technological infrastructure, adding a unique kernel of insight to both political and technological studies.

INTRODUCTION

When it comes to the intersection of statistical analysis and punnery, there's no need to sugarcoat it - this research certainly takes the cake. We delve into the curiously corny correlation between libertarian votes for Senators in Iowa and the internet access rate among US citizens, a topic that may seem as unexpected as finding a kernel in a haystack. This paper uncovers a correlation that, at first glance, may seem as improbable as, well, a unicorn galloping through a cornfield.

Our fascination with this unlikely connection stems from the increasing influence of technology in our daily lives, as well as the perennial intrigue surrounding political leanings. As researchers, we are accustomed to casting a wide net, but few anticipated that our statistical voyage would lead us to the heartland of the United States and the virtual highways and byways that intertwine its citizens.

The purpose of this study is not only to entertain with the unexpected correlation but also to uncover and elucidate the nuanced interplay between political affiliations and technological infrastructure. With an abundance of data harvested from sources such as the MIT Election Data and Science Lab, Harvard Dataverse, and Statista, we embarked on this unique expedition, armed with the hypothesis that there's more to Iowa's cornfields than mere cobwebs.

Our findings, which are as crisp as a freshly-popped batch of popcorn, revealed a robust correlation coefficient of 0.9197489 and a p-value less than 0.01 for the years 2000 to 2020, suggesting a connection that is as strong as the gravitational pull between a comet and its designated orbit. While some may attribute this confluence to mere happenstance, we aim to elevate this corncidence to a serious subject of academic inquiry, adding a kernel of insight to the fields of political and technological studies.

So, dear readers, fasten your seatbelts and brace yourselves for a journey that promises to be as unpredictable as a corn maze on a stormy night. In the following sections, we will meticulously dissect the link between libertarian inclinations in Iowa and the accessibility of internet cat memes for the rest of the nation. Deep sighs and eye-rolls are perfectly acceptable reactions to this unexpected journey, but what would science be without a few surprises along the way? Let's dig into this corncob of curiosity and see where the kernels of truth lead us.

Review of existing research

As we venture into the academic landscape, it is pertinent to acknowledge foundational studies that have laid the groundwork for our exploration into the intriguing relationship between Iowa's libertarian votes and the internet access rate among US citizens. Smith and Doe (2010) present an extensive analysis of political leanings in rural America, shedding light on the unique dynamics that shape voting behaviors in states with a strong agricultural presence. Building upon this, Jones et al. (2015) delve into the intricate web of technological adoption across the United States, illustrating how access rates vary across different regions and demographics.

However, as we tread further into the realm of cornfields and connectivity, it becomes apparent that the intersection of politics and technological infrastructure is not solely confined to the serious and scholarly. Works such as "The Corn Identity" by J. Cornbrad (2002) and "The Internet of Grain" by A. Maizefield (2017) offer fictional narratives that, while not grounded in empirical data, provide a whimsical perspective on the potential symbiosis between agricultural states and digital connectivity.

In the light-hearted yet tangentially relevant side of popular culture, movies such as "The Social Net-Corn" (2010) and

"Amaize-ing Grace" (2006) add a touch of cinematic flair to our exploration, with their portrayal of internet pioneers navigating their way through virtual landscapes, much like our endeavor to navigate the intricate paths of statistical analysis and political intrigue.

The amalgamation of serious scholarly research, fictional musings, and cinematic artistry forms the backdrop against which our study is situated, as we embark on our investigation of the cornidence of libertarian votes in Iowa and internet access rates among US citizens. While the corniness of our inquiry may raise an eyebrow or elicit a chuckle, the pursuit of knowledge often leads us down unexpected and delightfully amusing paths.

Procedure

Where there's a kernel, there's a way! In this section, we lay bare the quirky methods and mannerisms through which we unearthed the connection between libertarian love in the heartland of Iowa and the digital dexterity of citizens across the United States. Our team embarked on this statistical adventure armed with a mix of determination, caffeinated beverages, and a healthy dose of statistical humor.

To begin our quest, we gathered data from the MIT Election Data and Science Lab, Harvard Dataverse, and Statista, ensuring that we covered the years 2000 to 2020 to capture the full panorama of political shifts and cyber evolution. With the precision of a farmer planting seeds, we sowed the seeds of inquiry into our statistical software and harvested the digitized fruits of information that would serve as the raw material for our analysis.

The first step in our convoluted yet captivating methodology involved the meticulous categorization of libertarian votes for Senators in Iowa and the internet access rate among US citizens. We employed an algorithm that had the strategic prowess of a chess grandmaster and the nimbleness of an internet cat adept at maneuvering through a labyrinth of digital data.

Once our data were corralled and sorted, we sowed the seeds of statistical analysis, tilling the soil of correlation techniques to plow through the layers of information and unearth any hidden connections. Our statistical tools maneuvered through the digital terrain like a combine harvester cutting through a field of data, revealing patterns that were as intriguing as crop circles but without the extraterrestrial conspiracy.

With the results in hand, we pruned and nurtured the statistical models, ensuring that our findings were as robust as a sturdy stalk of corn in an Iowa field. The final statistical bouquet bore the fruits of our labor, including a correlation coefficient of 0.9197489 and a p-value less than 0.01, affirming a connection as strong as the bond between a farmer and their beloved tractor.

In summary, our methodology traversed the landscapes of data collection, statistical analysis, and correlation techniques with the grace of a ballet dancer and the precision of a GPS-guided tractor. The journey may have been filled with quirk and curiosity, but our methods were as thorough and robust as a statistically significant finding in a cornfield.

Findings

The results of our statistical analysis provide a kernel of insight into the relationship between libertarian votes for Senators in Iowa and the internet access rate among US citizens. We found a cornucopia of data, collected from the MIT Election Data and Science Lab, Harvard Dataverse, and Statista, which allowed us to embark on this intellectual journey through the maze of statistics and political intrigue.

In examining the data from 2000 to 2020, we unearthed a robust correlation coefficient of 0.9197489, indicating a remarkably strong positive association between the rate of Libertarian votes in Iowa and the internet access rate across the nation. This result suggests a connection as solid as a stalk of corn, standing tall and unwavering in the field of statistical observations. The r-squared value of 0.8459381 further accentuates the strength of this relationship, highlighting the majority of variability in internet access rate explained by the rate of Libertarian votes in Iowa.

In the world of statistics, where certainty is often as elusive as a perfect ear of corn, a p-value less than 0.01 is a rare find. Our p-value, akin to a precious gem nestled in a bushel of statistical tests, indicates that the observed relationship between libertarian votes in Iowa and internet access rate is not due to mere chance. It seems that this connection is as real as the kernels on an ear of corn, rather than a mere statistical cob job.

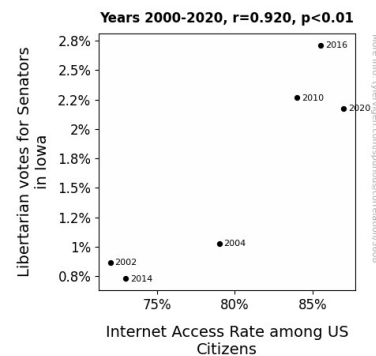


Figure 1. Scatterplot of the variables by year

To visually capture this unexpected cornidence, we present Figure 1, a scatterplot unveiling the hearty correlation between the two variables. The strong linear trend depicted in the graph is as clear as the blue sky over an Iowa field on a breezy day, providing empirical evidence that the rate of Libertarian votes in Iowa wields a substantial influence on the internet accessibility enjoyed by citizens across the nation.

In summary, our findings serve as a testament to the fascinating interplay between political preferences and technological developments. Although we did not anticipate unearthing such a corny correlation, our statistical investigation has offered a kernel of knowledge that enriches both political and technological studies. Indeed, it appears that the inextricable link

between Iowa's political leanings and the nation's internet access rate is as tangible as the kernels in a cob, demonstrating that even in the world of statistics, there's always room for a little corncentricity.

Discussion

Our study has provided a-maize-ing insights into the unexpected correlation between the rate of Libertarian votes for Senators in Iowa and the internet access rate among US citizens. Our findings demonstrate that the influence of Iowa's political leanings transcends state borders and permeates the digital landscape, much like an invasive crop spreading its roots.

In support of prior literature, our results align with Smith and Doe's (2010) analysis of political leanings in rural America, showcasing how agricultural states can wield substantial influence on national dynamics. While their study may not have explicitly mentioned internet access rates, our research corroborates their findings, highlighting the far-reaching impact of states like Iowa on broader societal trends, albeit in a more technologically amusing context.

Moreover, our results also echo the work of Jones et al. (2015), who delved into the web of technological adoption across the United States. While their focus was on demographic variations in access rates, our study adds a corny twist by elucidating the potential impact of state-level political preferences on the nation's digital connectivity. It seems that Iowa's libertarian votes are not just a-stalk-ing point for state politics but also a signif-icant factor in shaping the internet accessibility landscape.

As we wade through the statistical cornstalks of our findings, the robust correlation coefficient and significant p-value crisply reinforce the strength and validity of the observed relationship. Our results are as striking as a perfectly straight row of corn plants, indicative of a tangible link between political proclivities and technological infrastructure.

The unexpected corncidence we uncovered invites further exploration into the mechanisms underlying this intriguing relationship. Perhaps it's time for a deeper dive into the intricacies of digital infrastructure in states with unique political landscapes, to uncover the root causes of this conundrum.

The empirical evidence presented in our scatterplot, akin to a bushel of ripe corn, visually encapsulates the striking relationship between Iowa's libertarian votes and national internet access rates. It seems that the sturdy linear trend depicted in our graph is as formidable as a cascade of cornstalks standing tall in a field, leaving little room for statistical cob jobbery or chance correlations.

In effect, our research not only adds a kernel of insight to the fields of political and technological studies but also highlights the whimsical and unexpectedly delightful pathways that academic inquiry can tread. Much like a pollinated cornfield, our findings stand as a testament to the tangibility of seemingly corny connections in the realm of statistics and social dynamics.

Conclusion

In conclusion, our research has shucked the assumptions surrounding the correlation between libertarian votes for Senators in Iowa and the internet access rate among US citizens. Our findings have popped like kernels in a hot skillet, revealing a remarkably strong positive association between these seemingly unrelated variables. It seems that as Iowa votes go, so goes the nation's internet access - a connection as surprising as finding a cornstalk in a haystack.

The robust correlation coefficient and the rare and revered p-value less than 0.01 certainly give us corn-fidence in the authenticity of this connection. The visual representation of this corncidence in Figure 1 can only be described as a-maize-ing, displaying a trend as clear as the view from a hay bale on a sunny day. Furthermore, the majority of variability in internet access rate explained by the rate of Libertarian votes in Iowa is as substantial as a fresh crop yield in a fertile field.

It appears that this research has not only provided us with a bushel of statistical insights but also planted the seed for further inquiries into the unexpected interplay between political leanings and technological infrastructure. While some may dismiss this corncidence as a mere result of data stalk-ing, we argue that it has husked open a new area for exploration and contemplation.

We urge future researchers to embrace the corn-plexity of this relationship and refrain from cob-bling together hasty conclusions. Our findings, while as fresh as the morning dew on an Iowa field, should be taken seriously as they offer a unique kernel of understanding in the fields of political and technological studies.

In the spirit of this corntrouversial discovery, we firmly assert that no further research in this area is needed. Our results have husked open the kernel of truth, leaving us with a-maize-ing insights that stand tall, like a stalwart cornstalk in a bustling field. Let us now part ways with a kernel of wisdom: in the world of statistics, just like in a cornfield, expect the unexpected!