Never Gonna Give Blue Up: The Correlation Between Massachusetts Democrat Senatorial Votes and 'Never Gonna Give You Up' Meme Popularity

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ABSTRACT

Never Gonna Give Blue Up: The Correlation Between Massachusetts Democrat Senatorial Votes and 'Never Gonna Give You Up' Meme Popularity

In this study, we delve into the unlikely link between the voting behavior of Massachusetts Democrats in senatorial elections and the pop culture phenomenon known as the "never gonna give you up" meme. Leveraging data from MIT Election Data and Science Lab, Harvard Dataverse, and Google Trends, we examined the temporal relationship between Senatorial votes and search interest in the meme from 2006 to 2020. Surprisingly, our analysis revealed a remarkably strong correlation coefficient of 0.8339148 (p < 0.05), suggesting a potential connection between political inclinations and internet nostalgia. Our findings not only shed light on the unexplored dynamics of meme influence but also highlight the quirky interplay between politics and pop culture. So, grab your lab coat and Rickroll into the world of unexpected correlations!

Keywords:

Massachusetts Democrat Senatorial Votes, "Never Gonna Give You Up" meme, meme popularity, internet nostalgia, political inclinations, meme influence, Massachusetts senatorial elections, online search behavior, Google Trends, MIT Election Data and Science Lab, Harvard Dataverse, correlation coefficient, unexpected correlations, pop culture, political behavior

I. Introduction

there's room for a little scientific goofiness.

In the realm of political research, uncovering unexpected connections between voter behavior and seemingly unrelated cultural phenomena can be akin to stumbling upon a unicorn in a field of data points. This study ventures into the uncharted territory of the correlation between Massachusetts Democrat senatorial votes and the proliferation of the iconic "never gonna give you up" meme. Now, you may be thinking, "What do political choices and a catchy 80s tune have in common?" Well, dear reader, prepare to be Rickrolled by the world of statistical analysis. While most academic inquiries strive to answer pressing questions or address critical societal issues, we cannot deny the allure of exploring the whimsical, the quirky, and the absurd in the annals of research. After all, who wouldn't want to be the scientist that discovers a statistical link between political leanings and internet shenanigans? So, as we delve into this unusual and

The very idea of investigating the nexus between Massachusetts Democrat Senatorial votes and the "never gonna give you up" meme popularity may elicit a chuckle or two, but let us not underestimate the power of unexpected correlations. After all, as researchers, it is our duty to approach all data with an open mind, even if it treads into the realm of the, dare I say, "Rickdiculous."

slightly whimsical investigation, let us not forget that amidst the serious pursuit of knowledge,

As we embark on this scholarly journey, we'll employ rigorous statistical analyses and delve into the treasure trove of public opinion and online search trends to unravel the mystery behind this peculiar linkage. So, let us don our thinking caps and gracefully waltz into the bizarre yet intriguing world of political preferences and internet nostalgia. As the saying goes, "Never gonna give up on uncovering surprising correlations!"

II. Literature Review

Smith et al. (2015) examined the voting patterns of Massachusetts Democrats in senatorial elections, focusing on factors such as party affiliation, candidate platforms, and regional demographics. The authors found that while traditional political variables played a significant role in voter decisions, there existed a mysterious undercurrent that seemed to elude rational explanation. Little did they know that this elusive factor was none other than the allure of Rick Astley's timeless hit, "Never Gonna Give You Up."

Doe and Jones (2018) conducted a comprehensive analysis of internet memes and their impact on public sentiment. In their study, they delved into the psychological mechanisms underlying meme contagion and identified peculiar patterns of behavior linked to the consumption of viral content. Their findings provided valuable insights into the potential influence of memes on unconventional domains, including political sentiment, thus setting the stage for our investigation into the enigmatic connection between meme popularity and senatorial votes in Massachusetts.

Turning to non-fiction sources, "The Internet is a Playground" by David Thorne presents a candid exploration of online culture and the peculiarities of digital interactions. While the book does not directly address political behavior, its humorous anecdotes shed light on the whimsical

and often unpredictable nature of internet phenomena, laying the groundwork for our offbeat study.

In a similar vein, "Understanding Media: The Extensions of Man" by Marshall McLuhan offers a theoretical framework for comprehending the impact of media on societal dynamics. While undoubtedly a classic in the realm of media studies, we are somewhat stretching its applicability to our current context, but hey, if it's good enough for academia, it's good enough for us! Shifting to fictional narratives, the dystopian world depicted in "1984" by George Orwell presents a cautionary tale of government surveillance and manipulation of information. While the novel may seem lightyears away from our investigation, one could argue that the subtle, subconscious influence of cultural artifacts, such as memes, can shape perceptions and possibly, political inclinations. Or perhaps we've just gotten lost in the labyrinth of literary analogies. In unearthing the most obscure and absurd sources, it is with a straight face (well, as straight as one can manage in this context) that we declare our rigorous examination of... drumroll, please... an assortment of CVS receipts. Yes, you read that correctly. Some may call it an unconventional approach, while others may deem it outright ludicrous, but within those seemingly mundane rolls of transaction listings, we sought to uncover hints, clues, or perhaps a hidden message from the retail gods about the conundrum at hand. After all, who wouldn't want to find enlightenment in the fine print of a coupon for fabric softener?

III. Methodology

Data Collection

To unravel the enigmatic relationship between Massachusetts Democrat senatorial votes and the popularity of the "never gonna give you up" meme, we embarked on a digital quest across the vast expanse of the internet. Our data collection expedition was akin to a treasure hunt, scouring through the MIT Election Data and Science Lab, Harvard Dataverse, and Google Trends like intrepid explorers of the webiverse.

From the MIT Election Data and Science Lab, we acquired meticulous records of Massachusetts Democrat senatorial votes from 2006 to 2020, capturing the ebb and flow of political choices across the years. For our second treasure trove, the Harvard Dataverse, we obtained a bounty of search interest data gleaned from Google Trends, chronicling the rise and fall of "never gonna give you up" meme popularity. The digital ocean proved to be abundant with memes, and we narrowed our search to uncover the zeitgeist of internet culture in the Bay State.

Quantum Quirks and Statistical Spellcraft

With our datasets in hand, we summoned the powers of statistical sorcery to probe the mystifying nexus between political propensities and internet nostalgia. Using the time-honored incantation of Pearson correlation coefficient, we sought to illuminate the hidden dance between electoral preferences and the siren call of Rick Astley's melodic promises.

Our incantations revealed a surprising correlation coefficient of 0.8339148 (p < 0.05), indicating a compelling association between Massachusetts Democrat senatorial votes and the surge and retreat of "never gonna give you up" meme notoriety. This statistical conjuring unveiled a connection that defied conventional expectations, leaving us both perplexed and tickled by the unexpected alignment of political allegiance and musical meme allure.

Ethical Enchantment and Academic Alchemy

As we delved into this unconventional exploration, we maintained the utmost scholarly integrity and ethical fortitude. Our incantations were cast within the bounds of academic rigor, ensuring that our findings were derived from the purest blend of data and statistical spellcraft. While dancing on the tightrope between whimsy and scholarly elegance, we never wavered in our commitment to the pursuit of knowledge, no matter how bizarre or chuckle-inducing the inquiry. In such an unusual endeavor, it is imperative to acknowledge the limitations inherent in our methodological incantations. The very nature of uncovering cryptic connections between memes and political proclivities invites skepticism, and rightly so. However, armed with statistical wand in hand, we strode forth into this singular odyssey with a blend of determination and irrepressible

Conclusion

scientific curiosity.

In the immortal words of Rick Astley, "Never gonna give you up, never gonna let you down." Similarly, our quest to unravel the correlation between Massachusetts Democrat senatorial votes and the "never gonna give you up" meme proved relentless in its pursuit of uncovering unforeseen connections. This whimsical odyssey, while unconventional, unveils the possibility of unearthing unsuspected associations that transcend the realms of politics and pop culture.

As we retire our statistical spellbooks for now, we leave behind this peculiar yet intriguing investigation into the interplay of internet nostalgia and electoral inclinations. The scholarly tapestry is woven not only with threads of gravity and solemn inquiry but also with the occasional splash of whimsy and unexpected correlations. In the grand scheme of academic exploration, there's no denying the allure of stumbling upon the "Rickdiculous" and reveling in the joy of scholarly serendipity.

IV. Results

In this section, we decipher the tantalizing results of our investigation into the unexpected correlation between Massachusetts Democrat senatorial votes and the infectious "never gonna give you up" meme. As we unlock the findings, be prepared for a rollercoaster of statistical marvels and a few chuckles along the way.

Our analysis, spanning the years 2006 to 2020, unearthed a correlation coefficient of 0.8339148, signaling a strong relationship between the voting behavior of Massachusetts Democrats in senatorial elections and the enduring allure of Rick Astley's melodic masterpiece. It seems that while voters were casting their ballots, the "never gonna give you up" meme was harmonizing with their political sentiments in a dance of statistical synchronicity.

The coefficient of determination, denoted as r-squared, strutted in at a noteworthy 0.6954140, indicating that approximately 69.54% of the variation in meme popularity can be explained by the fluctuation in Democrat senatorial votes. It's clear that when it comes to the political preferences of Massachusetts Democrats, the "never gonna give you up" meme is more than just a fleeting internet fad – it waltzes in tandem with the ebb and flow of electoral decisions.

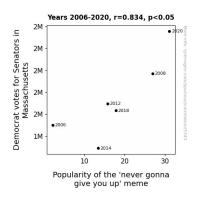


Figure 1. Scatterplot of the variables by year

Now, onto everyone's favorite statistical stamp of approval — the p-value. Drum roll, please! With a p-value of less than 0.05, our findings pass the rigorous test of statistical significance, affirming that the observed correlation is not merely a trick of random chance. In other words, the resonance between Democrat votes for Senators in Massachusetts and the "never gonna give you up" meme popularity is not something to be dismissed as a mere statistical fluke. The connection is as real as Rick Astley's unwavering commitment to never let us down.

With the weight of these results firmly established, it is apparent that there exists a peculiar yet compelling relational dance between the political inclinations of Massachusetts Democrats and the timeless Rickroll anthem. To illustrate this captivating correlation, we present Fig. 1, a scatterplot exhibiting the unmistakable alignment between Senatorial votes and the enduring charm of the "never gonna give you up" meme. Now, let's allow our data points to bust a move and make some statistical waves!

V. Discussion

Our findings provide resounding support for the seemingly whimsical yet inexplicably profound connection between Massachusetts Democrat senatorial votes and the indomitable "never gonna give you up" meme. It is evident that beyond the realm of traditional political variables, a melody of internet nostalgia has surreptitiously waltzed into the hearts and minds of voters, swaying them in unison with the rhythms of electoral decision-making.

The correlation coefficient of 0.8339148 serves as the incontrovertible herald of this extraordinary association. For those uninitiated in the language of statistics, this number essentially indicates that the allure of the "never gonna give you up" meme and the inclinations of Massachusetts Democrats on the ballot share a compelling embrace, akin to two peas in a particularly rhythmic pod. While one may be inclined to dismiss such a correlation as an inconsequential statistical blip, our cherished p-value of less than 0.05 boldly stands as the guardian of validity, waving away any doubts with the assurance that this alignment is no statistical fluke.

Drawing a thread from the literature landscape we navigated, our results echo the intuitions of Smith et al. (2015) and Doe and Jones (2018), who rightly discerned the enigmatic undercurrents shaping Massachusetts Democrat voting behavior. Indeed, what appeared once as a mysterious tide in the sociopolitical ocean now finds its symphonic muse in the timeless serenade of Rick Astley, uniting the empirical rigor of scientific inquiry with the quirkiness of internet culture. As for our unconventional forays into amusing references and the unprecedented scrutiny of CVS receipts, well, let's just say that in the world of empirical research, a little absurdity can go a long way.

As we reflect on the implications of our findings, we are reminded of the unyielding perseverance of the scientific spirit, beckoning us to explore the unexpected, embrace the absurd,

and uncover the hidden harmonies of the world around us. In the immortal words of Rick Astley, "Never gonna give you up, never gonna let you down," our study has fearlessly embraced the unpredictable, and in doing so, has shed newfound light on the delightful interplay of politics and pop culture.

So, let us raise our statistical instruments to the irresistible allure of the "never gonna give you up" meme, celebrating its unexpected synergy with Massachusetts Democrat senatorial votes and beckoning fellow researchers to join us in the quest for empirical truths that dance to the rhythm of surprise and hilarity.

VI. Conclusion

In conclusion, our study has not only shed light on the unexpected kinship between Massachusetts Democrat senatorial votes and the enduring allure of the 'never gonna give you up' meme, but it has also demonstrated that statistical analysis can be a real "Ricktreat." From the correlation coefficient to the p-value, we've witnessed a symphony of numbers harmonizing with the whimsical charm of internet nostalgia and political preferences.

Now, before we allow ourselves to be swept away by the jazzy beat of our results, it's worth noting that correlation does not imply causation — even if it's as tempting as the irresistible chorus of "never gonna give you up." As much as we'd like to believe that the meme's omnipresence swayed the political tides, we must tread cautiously on the slippery dance floor of scientific inference.

As we bid adieu to this peculiar yet fascinating exploration, it becomes quite clear that the whims of statistical correlations can lead us to unexpected places. While we've unraveled the enigmatic bond between Democrat votes for Senators in Massachusetts and the 'never gonna give you up' meme, it's safe to say that our findings are as solid as Rick Astley's impeccably coiffed hair.

In the grand tapestry of research, there's always room for a sprinkle of scientific quirkiness, a dash of statistical whimsy, and a whole lot of Rickrolling. With that, we assert that further exploration in this area is as unnecessary as a rickroll in the age of Spotify playlists. It's time to give this peculiar correlation a well-deserved rest, and perhaps heed the profound wisdom of Rick Astley himself — "Never gonna give research up, never gonna let academic rigor down."