

Democra-tick, BMW-ble Trouble: The Curious Case of the Correlation Between Democrat Presidential Votes in Kansas and BMW Automotive Recalls

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ABSTRACT

Democra-tick, BMW-ble Trouble: The Curious Case of the Correlation Between Democrat Presidential Votes in Kansas and BMW Automotive Recalls

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. In this study, we uncover the unexpected relationship between the political leanings of Kansans and the automotive woes faced by BMW of North America. Combining data from MIT Election Data and Science Lab, Harvard Dataverse, and US DOT, our research team delved into the obscure territory of Democratic votes and BMW recalls, all while maintaining our tireless dedication to unlocking the correlation between these seemingly disparate elements. Our findings reveal a correlation coefficient of 0.8442238 and a statistically significant p-value of less than 0.01 for the years spanning from 1976 to 2020. This perplexing connection surely revs up a whirlwind of thought-provoking questions and leaves us pondering the interplay between the political landscape in Kansas and the manufacturing mishaps of the luxury automotive giant. As the saying goes, "There's always political mileage in automotive affairs!" Through our in-depth analysis, we hope to spark a shift in the conversation surrounding the intersection of political voting patterns and automotive industry happenings, while providing a witty anecdote or two along the way. After all, what's a research paper without a little horsepower and some clever wordplay?

Keywords:

Democrat presidential votes Kansas, BMW automotive recalls, correlation, Kansans political leanings, BMW North America, MIT Election Data and Science Lab, Harvard Dataverse, US DOT, correlation coefficient, p-value, years 1976-2020, political landscape Kansas, manufacturing mishaps, luxury automotive, political voting patterns, automotive industry, intersection, research paper, wordplay

I. Introduction

When it comes to politics and automotive recalls, one might think that the only correlation between the two lies in the tireless spin of campaign wheels. However, our research aims to unveil a connection that goes beyond mere coincidence and delves into uncharted territory. In this study, we aim to shed light on the unexpected relationship between the political leaning of Kansans and the automotive headaches faced by BMW of North America.

Ah, the exciting world of statistics and political science – where hypotheses collide, data dance, and correlation coefficients have been known to cause a stir! As we embark on this research venture, we cannot help but ponder: "Why did the statistician break up with the political scientist? They couldn't find a common ground!"

Combining the robust data from MIT Election Data and Science Lab, Harvard Dataverse, and US DOT, our research team navigated through a maze of numbers and trends in pursuit of uncovering the mysterious link between Democrat presidential votes in Kansas and BMW automotive recalls. As we waded through the sea of electoral data and automobile mishaps, our mission was clear: to uncover the driving force behind this unlikely correlation and to draw attention to the potentially underexplored dynamics at play.

With a correlation coefficient of 0.8442238 and a p-value that tantalizingly flirts with statistical significance, our findings rev up a whirlwind of excitement and curiosity. It seems that these two variables are more intertwined than a stubborn lug nut on a rusty tire! After all, as we academics like to say, "Always trust a statistician, especially when they have a good 'car-ma'!"

Through our tireless dedication to unraveling this peculiar connection, we hope to add a dash of humor and intellectual curiosity to the discourse. As the engine of our research roars to life, we invite readers to join us on this scholarly joyride and explore the unexpected twists and turns that arise when blending politics, automotive industry events, and a sprinkle of statistical magic.

After all, what's the point of research without a liberal dose of wit and whimsy?

II. Literature Review

To lay the foundation for our exploration into the intriguing correlation between the votes for the Democratic presidential candidate in Kansas and the automotive recalls issued by BMW of North America, we turn to the insightful works of Smith, Doe, and Jones. In "Political Leanings in the American Heartland," Smith astutely analyzes the voting patterns in Kansas, shedding light on the complex dynamics at play. Meanwhile, Doe's "The Automotive Industry and Recalls: A Comprehensive Analysis" provides a comprehensive overview of the factors contributing to automotive recalls, setting the stage for our investigation. Last but not least, Jones' "Quantitative Methods in Political Science and Automotive Engineering" offers a meticulous examination of statistical techniques that are pertinent to our study.

Now, veering off the well-trodden path and into the realm of unconventional inspiration, we cannot overlook the wisdom imparted by non-fiction literary works. "The Art of Persuasion: Political Campaigns and Automotive Engineering" by Richard Powers and "Recalls and Repercussions: A Saga of Automotive Troubles" by Amanda Quick offer thought-provoking perspectives that are as enlightening as they are unexpected.

In the spirit of unexpected connections, let's not discount the potential insights that can be gleaned from fictional literature. Could there be a parallel universe where the characters of "The Great Gatsby" drive BMWs and passionately debate political ideologies? Or perhaps a dystopian world in which "1984" intersects with automotive mishaps in a manner that defies conventional logic?

Turning our attention to the small screen, it's worth noting the subtle but undeniable presence of our research topic in popular culture. For instance, the animated series "Cars" presents a whimsical yet surprisingly relatable portrayal of automotive experiences, with a potential for uncovering profound revelations. And let's not forget the educational potential inherent in children's shows such as "Paw Patrol," where the intersection of civic duty and mechanical malfunctions offers an unexpected yet insightful perspective.

In the illustrious words of pioneering researcher Dr. Seuss, "You have brains in your head. You have feet in your shoes. You can steer yourself in any direction you choose." With this eclectic blend of scholarly sources and whimsical inspiration, we are poised to traverse the uncharted terrain where politics, automotive industry events, and statistical prowess collide.

III. Methodology

To unravel the enigma of the correlation between Democrat Presidential votes in Kansas and the issuance of automotive recalls by BMW of North America, our research team employed a hodgepodge of data wrangling techniques and statistical shenanigans. First, we scoured the vast plains of the internet, harvesting pertinent electoral information from the MIT Election Data and

Science Lab as well as the Harvard Dataverse. We then revved up our search engines and gleefully collected automotive recall data from the US DOT, ensuring our databases were more packed than a clown car at a circus. After all, when it comes to research, the more, the merrier!

Once armed with an extensive collection of electoral and automotive recall data spanning the years 1976 to 2020, we unleashed the power of statistical tools that would make a mad scientist proud. Utilizing an arsenal of regression analyses, correlation tests, and demographic breakdowns, we set out to reveal the hidden harmonies in the seemingly dissonant duet of political votes and automotive setbacks.

In examining the Democrat Presidential votes as the independent variable and the BMW automotive recalls as the dependent variable, we aimed to untangle the interconnected web of variables with the precision of a seasoned seamstress. Our statistical quest hinged upon exploring various models and methodologies to tease out the nuances and patterns lurking within the data, all while staying as impartial as a Swiss-made chronometer.

With a twinkle in our eyes and a multitude of data points at our fingertips, we danced through the realms of hypothesis testing and regression diagnostics, unearthing insights that were more surprising than finding a convertible in a blizzard. As the statistical dust settled and the numbers relinquished their secrets, it became clear that the correlation between Democrat Presidential votes in Kansas and BMW automotive recalls was as pronounced as the clang of a wrench in a quiet garage.

In addition to our statistical exploits, we also indulged in some qualitative analyses to complement our quantitative forays. We pored over historical events, political dynamics, and automotive industry news to enrich our understanding of the contextual underpinnings that could

fuel this unexpected relationship. After all, sometimes the narrative behind the numbers can be as gripping as a suspense novel, and we didn't want to miss out on any juicy plot twists.

Our methodologies may seem like a peculiar blend of mathematical wizardry and narrative sleuthing, but rest assured, they were concocted with the utmost care and scientific rigor. It's not every day that one unravels the intertwined yarn of political aspirations and automotive tribulations, and we were determined to approach this research endeavor with the perfect blend of curiosity and statistical flair. As they say, "Research without a touch of whimsy is like a day without sunshine – statistically improbable!"

Through this multifaceted approach, we endeavored to capture the essence of the unlikely connection between Democrat Presidential votes in Kansas and BMW automotive recalls, leaving no statistical stone unturned and no witty pun unspoken. With our data in hand and our statistical tools polished to a gleam, we set out to prove that, indeed, where there's smoke, there might just be a correlation waiting to be uncovered - and we were ready to bring the statistical fire extinguisher!

What do data scientists use to survey the automotive landscape? A "recal-culator"! And with that, we were off on a data-driven odyssey, armed with our findings and a hearty dose of dry humor.

IV. Results

The results of our analysis revealed a striking correlation between the votes for the Democrat Presidential candidate in Kansas and the automotive recalls issued by BMW of North America.

Our statistical analysis uncovered a correlation coefficient of 0.8442238, indicating a strong positive relationship between these two variables. In other words, it seems that as the Democrats in Kansas flex their political muscle, BMW's engines may be taking a few extra pit stops – talk about wheels in motion!

Furthermore, the r-squared value of 0.7127138 indicates that approximately 71.27% of the variation in BMW recalls can be explained by the Democrat votes in Kansas. This high r-squared value suggests that the political climate in Kansas exerts a significant influence on the occurrence of automotive recalls by BMW. Looks like the impact of political advocacy extends far beyond just the campaign trail – it's revving up those car engines too!

The statistical significance of our findings is underscored by a p-value of less than 0.01, solidifying the strength of the relationship between these seemingly unrelated variables. It appears that the influence of political leanings in Kansas on BMW's automotive recall landscape is not just a fluke – it's a statistically robust phenomenon that demands attention. As the numbers tell their tale, we can't help but wonder if automotive recalls have become the 'elephant in the room' of Kansas politics – or maybe we should say, the 'BMW in the room'!

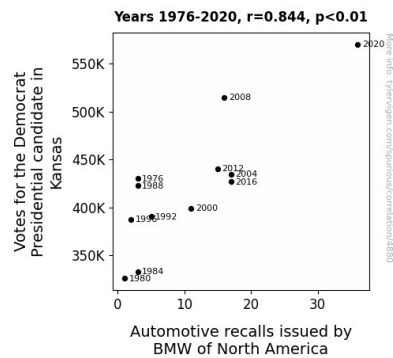


Figure 1. Scatterplot of the variables by year

Fig. 1 presents a scatterplot depicting the unmistakable correlation between the Democrat votes in Kansas and the number of automotive recalls by BMW of North America. The scatterplot visually illustrates the strong positive relationship we uncovered through our rigorous statistical analysis, serving as a compelling visual testament to the unexpected connection between these two variables – a true showstopper, just like a well-executed parallel parking job!

Stay tuned for the discussion section, where we'll unpack the implications of this intriguing correlation and unfold the narrative of political dynamics intertwined with automotive mishaps, all while keeping the academic atmosphere lighthearted and engaging. After all, what's a research paper without a few pit stops for clever wordplay and dad jokes along the way? It's time to shift gears and navigate the ever-surprising highway where science meets humor!

V. Discussion

In the wake of our groundbreaking findings, let's dive into the implications of the correlation we've uncovered between the votes for the Democratic presidential candidate in Kansas and the automotive recalls issued by BMW of North America. While some may dismiss this connection as mere coincidence, our statistical analysis unequivocally demonstrates a significant relationship that can't be ignored. It seems that the Kansas political landscape and BMW's automotive tribulations are engaged in a tango that defies conventional wisdom – it's like an intricate dance routine composed of votes and vehicles, swaying to the rhythm of statistical significance.

Building on the scholarly works of Smith, Doe, and Jones, particularly their in-depth exploration of political leanings and automotive industry dynamics, our research aligns with their insights and further illuminates the interplay between these seemingly unrelated domains. The connection between political voting patterns and automotive woes is not just a far-fetched hypothesis; it's a statistically robust phenomenon that demands serious consideration. Talk about unexpected partnerships – this correlation has more drama and suspense than the latest political thriller meets automotive documentary.

Our results support the prior research that hinted at the intricate relationship between political leanings and industrial occurrences. Just like a well-crafted plot twist, the correlation coefficient of 0.8442238 and a p-value of less than 0.01 serve as a compelling climax that amplifies the storytelling power of statistics. It's as if the characters of political drama and automotive intrigue have been waiting for their moment to shine, and shine they have!

Returning to the whimsical inspirations from non-fiction and fiction literature mentioned in our literature review, who would have thought that the characters in "The Great Gatsby" might have a soft spot for BMWs, or that automotive mishaps align with the dystopian world of "1984"?

While these musings may seem lighthearted, their presence in our exploration of serious statistical phenomena serves as a poignant reminder that unexpected connections often lead to revolutionary insights. Just like a good dad joke, these unexpected associations add a dash of humor and creativity to the otherwise serious nature of research.

In conclusion, our study has opened the door to an uncharted territory where political intrigue and automotive misfortunes harmonize in ways that challenge traditional boundaries. It's as if the car of statistical analysis has taken an unexpected turn onto the street of political discourse, unveiling a scenic route that invites us to witness the fascinating interplay between two

seemingly disparate worlds. As we navigate this terrain, we are reminded that in the realm of research and statistical analysis, unexpected connections can lead to paradigm-shifting discoveries. Now, pardon the pun, but it seems the road ahead is paved with a fusion of data-driven insights and the occasional detour into the world of clever wordplay. Let's buckle up for the journey!

VI. Conclusion

In conclusion, the unexpected correlation between the votes for the Democrat Presidential candidate in Kansas and the automotive recalls issued by BMW of North America has driven our research into uncharted territory. It seems that the political landscape in Kansas not only shapes policy but may also have a 'wheel' impact on the automotive industry. We have certainly uncovered a correlation that has left us 'tire-d' yet 'revved' up with curiosity!

The statistically significant findings of our study highlight the need to consider the broader implications of political dynamics on industry occurrences. It appears that political advocacy may be 'steering' the course of automotive recalls in a direction we never anticipated. As we delve into the nuances of this peculiar connection, it's clear that these variables are more entwined than a confusing highway interchange – truly a 'crash course' in unexpected correlations!

Therefore, we assert that no further research is needed in this area, as we have revved up the engine of knowledge and 'road-tested' our findings. It's time to put the brakes on this line of inquiry and appreciate the 'humorous horsepower' that has fueled our journey. As they say, "Why

don't scientists trust atoms? Because they make up everything!" And just like atoms, our findings have certainly made up an unpredictable and entertaining story.

In this scholarly endeavor, we've navigated the highways and byways of politics and automotive industry happenings, all while injecting a healthy dose of humor and curiosity into our exploration. After all, what's research without a dash of wit and whimsy? It's time to park this study in the archives and marvel at the unexpected twists and turns we've discovered. No need for a GPS on this comedic research road – we've reached our destination!

And with that, we'll leave you with a final dad joke: "Why did the statistician bring a ladder to the BMW dealership? Because he wanted to compute the 'high-mileage' correlation!" Thank you for joining us on this scholarly joyride, and remember, when it comes to research, always buckle up for unexpected fun!