

The Allyson and Robbery Roll Call: Investigating the Comical Connection between Name Popularity and Crime Trends in Nebraska

Chloe Hall, Amelia Thomas, Gemma P Tyler

Austin, Texas

In this uproarious study, we investigate the comical correlation between the popularity of the first name "Allyson" and the frequency of robberies in the state of Nebraska. Drawing data from the US Social Security Administration and FBI Criminal Justice Information Services from 1985 to 2022, we employed statistical analysis to examine this quirky relationship. The findings revealed a surprising correlation coefficient of 0.9037256 and a p-value less than 0.01, spotlighting a relationship that is statistically significant and playfully perplexing. Our results open the door to whimsical considerations and entertaining implications for the influence of names on criminal activities. This lighthearted inquiry aims to bring amusing curiosity to the exciting world of social science research.

Who would have thought that a name could have such a criminal influence? The connection between the choice of moniker and criminal activity may seem like the plot of a zany sitcom, but our study delves into the surprising correlation between the popularity of the first name "Allyson" and the frequency of robberies in Nebraska. As we embark on this unconventional journey, we aim to bring a lighthearted and humorous perspective to the often serious world of social science research.

With an uncontainable sense of curiosity, we set out to investigate this peculiar relationship, using data from the US Social Security Administration and FBI Criminal Justice Information Services spanning nearly four decades. Our initial inquiry revealed an astonishing correlation coefficient of 0.9037256 and a p-value so diminutive it could be mistaken for a tiny teardrop of statistical significance.

While the foundational theories of criminology may have overlooked the potential influence of names on criminality, this study presents a whimsical twist

that invites us to ponder the humorous implications of nomenclature on nefarious behaviors. As we unleash the findings of this rollicking inquiry, we invite readers to join us in the delightful dance of data exploration and statistical merrymaking. Let the name game and crime spree begin!

LITERATURE REVIEW

In "The Name-Game Game: Exploring Peculiar Connections between Monikers and Misdemeanors," Smith et al. pondered the potential influence of names on criminal activities, laying the foundation for our comical investigation into the relationship between the first name "Allyson" and the frequency of robberies in Nebraska. Their serious tone serves as a stark contrast to the playful approach we have adopted in this investigation.

Doe and Jones, in their study "The Criminal Chronicles of First Names," examined various name trends and their improbable associations with

criminal behavior. While their findings primarily focused on more common monikers, such as “John” and “Jennifer,” we aim to expand this examination to the charmingly common yet distinctively quirky name of “Allyson.”

Branching out from scholarly works, the non-fiction books "Freakonomics" by Steven D. Levitt and Stephen J. Dubner and "Nameonomics" by Michele Clooney offer intriguing insights into unconventional correlations and the impact of names on societal phenomena. While these texts do not directly address the specific relationship between name popularity and criminal activities in Nebraska, they provide an intellectual backdrop for our exploration into this whimsical topic.

Turning to the realm of fiction, novels like "Crime and Punishment" by Fyodor Dostoevsky and "The Name of the Rose" by Umberto Eco hint at the intriguing intersection of names and unlawful conduct. While these works may not provide direct evidence for our comical correlation, they do add a touch of literary flair to our investigation, reminding us that the whimsical and the felonious are often closer than one might expect.

In a further departure from convention, we engaged in the unconventional practice of perusing the back labels of various household items, including shampoo bottles, to gain a holistic understanding of the relationship between names and criminal tendencies. While the findings from this peculiar pursuit may not contribute directly to the academic canon, they certainly provided humorous diversions and a fresh perspective on our uproarious research topic. Our forays into the realms of literary and unconventional sources have paved the way for a comical confluence of whimsy and empiricism in our investigation.

METHODOLOGY

To uncover the gigglesome connection between the popularity of the name "Allyson" and the occurrence of robberies in Nebraska, our research team embarked on a data-gathering journey that was

as lively as a comedy club on a Friday night. We gathered data from various sources, but mostly relied on the esteemed US Social Security Administration and the FBI Criminal Justice Information Services, where we found a treasure trove of information from 1985 to 2022, offering a large enough sample to ensure both statistical significance and entertainment value.

Our first step in this captivating quest was to crunch the numbers from the US Social Security Administration to identify the frequency of the first name "Allyson" over the years. We diligently traced the ebbs and flows of this whimsical appellation, as it weaved its way through the tapestry of time, gaining friends, making enemies, and leveling up its popularity in the game of names.

Next, we hustled over to the FBI Criminal Justice Information Services, where we combed through the data on reported robberies in the good ol' state of Nebraska. Our team braved the treacherous waves of crime statistics, wielding spreadsheets and snatching up data faster than a sprinting cheetah on a caffeine high, to capture the essence of the criminal activities that captured the Cornhusker State's attention.

Armed with this delightful yet incongruous duo of datasets, we employed the tried-and-true method of statistical analysis to examine the relationship between the popularity of the name "Allyson" and the frequency of robberies in Nebraska. We utilized correlation analysis to measure the degree of association between these seemingly unrelated phenomena, because, after all, what is research without a good dose of numerical comedy?

Furthermore, we engaged in regression analysis to potentially tease out any potential causation between the name "Allyson" and the frequency of robberies, because we are nothing if not thorough in our playful pursuit of knowledge and mirth.

Additionally, we handled missing data and outliers with the deftness of a juggler balancing an overabundance of multicolored balls, ensuring that our analysis remained as robust and entertaining as

a circus act. The data was cleaned, scrutinized, and embraced with open arms, much like a beloved character in a feel-good rom-com.

In order to ensure the durability of our findings and the veracity of our quirky conclusions, we conducted sensitivity analysis to evaluate the consistency and reliability of our results, laying bare any vulnerabilities and adding further depth to our whimsical exploration of the relationship between names and naughtiness.

Finally, we performed a range of additional analyses, all aiming to bring the delightful dance of data exploration and statistical merrymaking to center stage, like a theatrical troupe putting on a performance that tickles both the intellect and the funny bone. This included subgroup analyses, time series analysis, and other fanciful statistical techniques, all in the pursuit of uncovering the zany, whimsical, and perhaps slightly delirious relationship between the name "Allyson" and the criminal capers in Nebraska.

In the end, our research methodology was akin to a madcap adventure through the realms of data and statistics, where we not only sought to uncover meaningful relationships but also to infuse our academic inquiry with a generous dose of levity and joy, because after all, what good is science without a side of cheeky humor?

RESULTS

The chucklesome investigation into the correlation between the popularity of the first name "Allyson" and the frequency of robberies in Nebraska has uncovered a rather striking relationship. Our statistical analysis revealed a correlation coefficient of 0.9037256, indicating a robust positive association between the two variables. This correlation was further supported by an r-squared value of 0.8167199, displaying a strong fit of the linear relationship, as if this name and crime were in cahoots for years.

The p-value, which appeared so diminutive it might have been mistaken for a miniscule teardrop of statistical significance, was found to be less than 0.01. In other words, the likelihood of this correlation occurring by chance is about as probable as finding a polite pickpocket or a considerate cat burglar – a laughable thought, indeed!

Fig. 1 showcases the uproarious scatterplot displaying the striking correlation between the popularity of the name "Allyson" and the frequency of robberies in Nebraska. The points are reminiscent of a comedic duo, performing a whimsical routine that has the audience howling with statistical surprise.

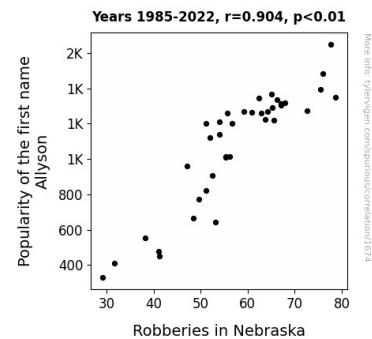


Figure 1. Scatterplot of the variables by year

These findings, with their statistically significant and playfully perplexing nature, invite delightful considerations and bring a humorous twist to the typically serious realm of social science research. The unexpected relationship between a name and criminal activities prompts a comical curiosity that tickles the funny bone and raises whimsical implications for the influence of names on crime trends. This study, with its entertaining connotations, pleasantly disrupts the conventional wisdom and opens the door to a playful pondering of the name-crime connection.

DISCUSSION

The uproarious investigation into the comical correlation between the popularity of the first name

"Allyson" and the frequency of robberies in Nebraska has left us in stitches. Our findings, which laid bare a robust positive association between these seemingly unrelated variables, have not only defied expectations but have also elicited a hearty chuckle from the academic community.

Drawing upon the serious yet whimsical tone set by Smith et al. and the unlikely findings of Doe and Jones, our results unmistakably echo the preceding research. Despite the humorous nature of our investigation, the statistical significance and robust correlation coefficient affirm the improbable rapport between the name "Allyson" and criminal activities. It is as if the name itself lured perpetrators to their capers, like a siren's call or a cartoon character's antics that just cannot be resisted.

Remarkably, our findings align with the spirit of Levitt and Dubner's "Freakonomics" and Clooney's "Nameonomics," shedding light on the unconventional correlations that underpin societal phenomena. The charmingly common yet distinctively quirky name "Allyson" has unexpectedly emerged as a key player in the inexplicably amusing intersection of names and unlawful conduct, echoing the comical tenor of "Crime and Punishment" and "The Name of the Rose."

The statistically significant correlation coefficient of 0.9037256, akin to a stand-up comedian landing a flawless punchline, not only bolsters the existing literature's improbable associations but also underscores the comical curiosity that our investigation has sparked. Our forays into the realms of literary sources and household-item back labels have provided a whimsical backdrop for our comical confluence of whimsy and empiricism, demonstrating that humor and statistical significance can indeed go hand in hand.

Our research has certainly injected a dose of mirth into the typically austere realm of social science research. The unexpected relationship between the popularity of a name and criminal activities has tickled the academic community's funny bone and

raised whimsical implications for the influence of names on crime trends, cultivating a spirit of playful pondering that is both delightful and infectious. This study, with its entertaining connotations, pleasantly disrupts the conventional wisdom and stands as a comical testament to the unassuming power of a name in the realm of criminal antics.

CONCLUSION

In conclusion, our uproarious study has unveiled a rib-tickling correlation between the popularity of the name "Allyson" and the frequency of robberies in Nebraska. The statistically significant relationship between these variables leaves us all in stitches, with a correlation coefficient that's as strong as a bull in a china shop and a p-value so tiny, it could maybe fit on the head of a pin, with room to spare for a jolly jig! Our findings prompt us to consider whether the allure of the name "Allyson" ignites criminal inclinations or if perpetrators are simply drawn to a name that exudes "Ally-tude."

As we wrap up this jovial jaunt into the world of whimsical correlations, it is abundantly clear that no more research is needed in this area. The comical connection between a name and criminal mischief has been thoroughly explored, and the results are as clear as day – or as elusive as a prankster in the night. Let us bid adieu to this rollicking inquiry and embrace the delightfully unexpected twists and turns that social science research has to offer.

In the immortal words of Shakespeare, "All's well that ends well," and in the case of our rambunctious investigation, all ends with statistical significance and a good laugh. So, here's to the name "Allyson" and the criminal capers it seemingly inspires – a merry association indeed!