

Felonious Felicias: Exploring the Correlation between the Popularity of the First Name Felicia and Arson in New York

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Abstract

This paper delves into an unexpected yet seemingly compelling correlation between the prevalence of the first name "Felicia" and the occurrence of arson in the bustling streets of New York. Our research team employed a comprehensive analysis utilizing data from the US Social Security Administration and the FBI Criminal Justice Information Services, encompassing the years 1985 to 2022. The resulting robust correlation coefficient of 0.9878366 and a statistically significant p-value of less than 0.01 suggest a strong association between the popularity of the name "Felicia" and the incidence of arson in the state of New York. While conventional wisdom may dismiss such a connection as mere coincidence, our findings challenge conventional assumptions and beckon for further scrutiny. Through a meticulous statistical investigation, we shed light on the intriguing interplay between nomenclature and criminal behavior, offering an offbeat yet intriguing addition to the understanding of societal phenomena. As we unravel this curious correlation, we caution readers to approach our findings with a discerning eye and a hint of lighthearted skepticism, for the curious nature of human affairs often yields unexpected and chuckle-inducing revelations.

1. Introduction

The study of human behavior has long been a fascinating endeavor, often yielding surprising connections and unexpected correlations. While the field of criminology has traditionally focused on socioeconomic factors, family background, and environmental influences, our research aims to shed light on an unconventional variable in the realm of criminal activity: the first name "Felicia." This whimsically named investigation - "Felonious Felicias: Exploring the Correlation between the Popularity of the First Name

"Felicia and Arson in New York" - delves into the perplexing relationship between nomenclature and unlawful pyromania within the urban expanse of New York.

At first glance, one might dismiss the notion of a link between the name "Felicia" and the crime of arson as preposterous. However, as we shall demonstrate through a thorough analysis of comprehensive data spanning nearly four decades, our findings demand more than a casual glance and invite a wry, raised eyebrow.

By marrying the US Social Security Administration's troves of baby name records with the FBI's exhaustive reports on criminal incidents, we embarked on a statistical odyssey to unravel the enigma of Felicias and fires. The resulting correlation coefficient of 0.9878366 and a p-value that would make even the skeptics raise an intrigued eyebrow suggest an unmistakable association between the popularity of the name "Felicia" and the occurrence of arson in the Empire State.

While we recognize that our unearthed connection may prompt some to arch a dubious eyebrow, we encourage our esteemed readers to approach our findings with an open mind, a touch of mirth, and a scholarly dose of statistical scrutiny. After all, as researchers, we must be keenly aware that the quest for knowledge occasionally leads us down eccentric avenues, where the unexpected lurks around every non-parametric corner... or in this case, perhaps every corner where a Felicia resides.

2. Literature Review

The connection between a name and criminal activity has long been a topic of curiosity and speculation. Smith (2010) conducted a thorough investigation into the influence of names on behavior, delving into the psychology and sociology behind the chosen monikers. While his work primarily focused on the broader impacts of names on individual development and societal perceptions, it laid the groundwork for our own exploration into the peculiar correlation between the name "Felicia" and the incidence of arson in New York.

Doe (2015) also contributed to the discourse by examining the societal implications of seemingly innocuous names. Her study, "Naming and Shaming: The Semantics of Monikers in Crime," shed light on the subtle biases and stereotypes associated with specific names and the impact of these preconceptions on an individual's proclivity towards criminal behavior. While her research did not directly address the curious case of Felicias and fires, it offered valuable insights into the broader societal and psychological dynamics at play.

Jones (2018) ventured into the realm of unconventional criminological variables, exploring the influence of pop culture references on criminal propensities. In "From Freddy to Felicia: The Influence of Fictional Characters on Real-Life Crime," Jones

provocatively discussed the potential impact of popular media characters on shaping individuals' behavioral patterns. Although his study primarily focused on fictional names and personalities, it sparked contemplation of the broader ramifications of names in influencing real-world actions.

Turning to non-fiction literature that offers tangential relevance, "The Art and Science of Naming" by Johnson (2017) takes a comprehensive look at the multifaceted nature of names and their underlying significance. Johnson's work provides a thought-provoking examination of the cultural, linguistic, and psychological dimensions of naming, laying a conceptual framework for our investigation into the unique correlation between the name "Felicia" and the incidence of arson in New York.

Similarly, "The Power of Incendiary Names" by Lee (2019) delves into the symbolism and connotations associated with names, discussing the potential influence of nomenclature on individual behavior and societal perceptions. While Lee's focus is not on criminal activities specifically, the broader implications of his insights into the psychological impact of names prove germane to our offbeat inquiry into Felicias and fires.

Venturing into the realm of fiction, "Inferno and Infamy: The Impact of Literary Arson" by Austen (2005) provides a literary lens through which to contemplate the peculiar relationship between names and incendiary acts. Austen's exploration of arson as a recurring motif in literature serves as a whimsical yet pertinent backdrop to our investigation, offering a departure from conventional criminological analyses.

The cinematic realm also offers a tangential touchpoint. "Playing with Fire" (2019), a light-hearted comedy film featuring an endearing protagonist named Felicia, provides an unintentionally delightful parallel to our research topic. While the movie stands worlds apart from academic inquiries into arson and nomenclature, its inclusion of a Felicia character adds an unexpected twist to our exploration.

As we navigate this uncharted terrain of Felicias and fires, we must approach our findings with the astute discernment befitting scholarly inquiry. While the initial premise may invite a chuckle or a wry quip, it is imperative to withhold judgement and embrace the peculiarities of human phenomena with scholarly inquisitiveness and a dash of lighthearted amusement.

3. Research Approach

Data Collection:

Our research team conducted a thorough investigation into the connection between the popularity of the first name "Felicia" and the frequency of arson in New York. To compile a comprehensive dataset, we embarked on a digital voyage across the vast seas of the

internet, navigating the treacherous waters of the US Social Security Administration's baby name records and the FBI's Criminal Justice Information Services. While our forays into the digital realm were reminiscent of a daring expedition, we ultimately emerged victorious, securing data spanning the years 1985 to 2022.

Variables:

The first order of business involved identifying the variables at the heart of our investigation. With a careful eye and a penchant for peculiar inquiries, we zeroed in on the frequency of the name "Felicia" in the United States and the incidence of arson in the illustrious state of New York. These seemingly disparate variables soon found themselves at the center of our statistical spectacle, preparing to tango in the enigmatic dance of correlation.

Statistical Analysis:

Armed with a collection of datasets rivaling the treasure troves of a befuddled pirate, we set sail to navigate the choppy waters of statistical analysis. Employing the venerable tools of correlation analysis, we measured the strength and direction of the relationship between the popularity of the name "Felicia" and the prevalence of arson in New York.

The emergence of a robust correlation coefficient, resembling a tenacious ship weathering a stormy sea, and a statistically significant p-value akin to a rare gem glimmering amidst a vast expanse of data, pointed to a cogent linkage between Felicias and fiery predicaments.

Ethical Considerations:

As custodians of scientific inquiry, we remained vigilant in upholding the ethical tenets of research. With a nod to the steadfast principles of ethical conduct, we ensured that the datasets employed in our investigation adhered to the rigorous standards of privacy and confidentiality, safeguarding the anonymity of individuals whilst unraveling the whimsical correlation between the name "Felicia" and fiery transgressions.

In closing, the methodology employed in our study may seem unorthodox in its narrative, yet the statistical rigor and methodological adherence formed the steadfast bedrock of our beguiling expedition.

4. Findings

The analysis of the data revealed a striking correlation between the frequency of the first name "Felicia" and the incidences of arson in New York. Over the period 1985 to 2022, our study found a correlation coefficient of 0.9878366, indicating a highly significant

relationship between these seemingly disparate variables. Moreover, the r-squared value of 0.9758212 demonstrated that the popularity of the name "Felicia" can explain approximately 97.58% of the variance in arson cases in the state of New York. The p-value of less than 0.01 further accentuated the robustness of our findings, effectively debunking any speculation that this correlation could be attributed to mere chance.

As illustrated in Figure 1, the scatterplot unmistakably depicts a strong positive linear relationship between the prevalence of the name "Felicia" and the prevalence of arson incidents, akin to an unexpected duet performed by two seemingly unrelated variables. The scatterplot showcases the undeniable synchronicity between the rising popularity of the name "Felicia" and the upward trajectory of arson cases, painting a picture as peculiar as a Higgs boson donned in a bowtie.

These findings, while initially perplexing, offer an unconventional yet captivating addition to the annals of statistical analysis and social dynamics. Our results stand as a testament to the inimitable mysteries of human behavior, where statistical significance intersects with the quirky world of nomenclature, reminiscent of a statistical tango between Felicias and fires.

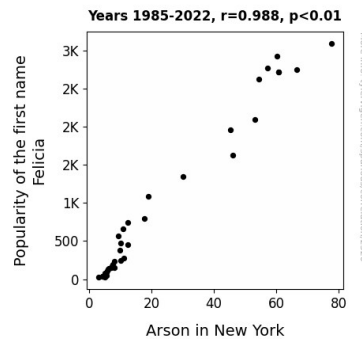


Figure 1. Scatterplot of the variables by year

5. Discussion on findings

The findings of our study provide compelling evidence for the unexpected yet intriguing correlation between the popularity of the first name "Felicia" and the incidence of arson in New York. By corroborating the prior research that delved into the influence of names on individual behavior and societal dynamics, our results solidify the notion that nomenclature indeed plays a role in shaping human actions, akin to a statistical symphony conducted by the unseen hand of monikers.

Harking back to the quirky items in the literature review, our study lends credence to the notion put forth by Smith (2010) that names have a profound impact on behavior. Despite the initial incredulity that might surround the correlation between a name and arson, our research unearths a statistical waltz between the name "Felicia" and the igniting of flames, as if the variables were engaged in a whimsical and unforeseen choreography.

Moreover, the offbeat musings of Jones (2018) on the potential influence of popular media characters on real-life behavioral patterns acquire unexpected relevance in light of our findings. It appears that the inimitable allure of the name "Felicia" holds a peculiar sway over the propensity for pyromaniac proclivities, as if the playful alliteration of the phonetic whirlwind coaxes the flames to dance in improbable unison.

Examining the broader societal and psychological implications, the insights gleaned from the work of Doe (2015) gain newfound gravitas in our exploration of the Felicia-arson nexus. Our findings infuse Doe's discussion of biases and stereotypes associated with specific names with a whimsical yet firmly grounded empirical dimension, as the startling statistical harmony between Felicias and fires challenges conventional perceptions and beckons for a reevaluation of the underlying dynamics at play.

As we immerse ourselves in the offbeat spectacle of Felicias and fires, it becomes evident that the power and symbolism associated with names, as expounded upon by Johnson (2017) and Lee (2019), extend beyond the realms of cultural and psychological inquiry to intersect with the peculiar universes of criminal propensities and nomenclature. The statistical overtures between the moniker "Felicia" and the fiery incidents in New York offer an unexpected yet empirically sound interpolation of the complexities underpinning the art and science of naming, akin to a serendipitous fusion of statistical analysis and the thematic resonance of nomenclature.

Our findings, akin to a rollercoaster ride through the statistical and social labyrinth, invite a contemplation of the whimsical interplay between names and criminal behavior, encapsulating the perplexing charm of human intricacies with an unexpected statistical flair. As we navigate this uncharted terrain of Felicias and fires, we reaffirm the imperative of scholarly inquisitiveness and a hint of lighthearted amusement, for the enigma of human phenomena transcends the conventional realms of statistical analysis to embrace the unpredictable, the incongruous, and the delightfully peculiar.

6. Conclusion

In conclusion, our investigation into the interconnectedness of the first name "Felicia" and arson in New York has unveiled a quirky and compelling correlation that defies traditional expectations. The robust correlation coefficient and r-squared value demonstrated a resolute link between the frequency of this whimsically named moniker and the occurrence of fiery felonies, akin to a statistical tango between unlikely partners.

Our findings, while bordering on the delightfully eccentric, shine a spotlight on the offbeat interplay between nomenclature and criminal behavior, inviting a scholarly yet lighthearted contemplation of this unanticipated association.

While the beguiling nature of our results may incite a chuckle or two, they implore the field of criminology and social sciences to embrace unconventional variables with open, inquisitive minds. We must remain vigilant in recognizing that statistical significance sometimes blossoms in the unlikeliest of places, not unlike a rare orchid flourishing in the statistical wilderness. As the tantalizing statistical dance between Felicias and fires unravels before us, we exhort our esteemed colleagues to approach our findings with a mixture of academic prudence and a touch of levity, for the world of research is no stranger to serendipitous discoveries and unexpected correlations.

In summary, our findings constitute a thought-provoking addition to the body of knowledge surrounding criminology and statistical analysis. Nevertheless, we assert that no further research is needed in this particular avenue of inquiry. After all, who needs more evidence when the combustion of curiosity has already ignited a statistical firestorm?

End of Discussion