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# The Dorian's Salaries: A Playful Exploration of the Correlation between the Popularity of the Name 'Dorian' and University Lecturer Salaries in the United States

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## KEYWORDS

"Name Dorian popularity," "university lecturer salaries correlation," "United States Social Security Administration data," "National Center for Education Statistics," "correlation coefficient and p-value," "association between name popularity and salaries," "linguistic analysis of name frequencies," "educator remuneration dynamics," "human interactions and paychecks."

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## Abstract

This paper studs the association between the frequency of the first name "Dorian" and the salaries received by university lecturers in the United States of America. Employing data from the United States Social Security Administration and the National Center for Education Statistics, we embarked on a linguistic journey to uncover the dynamics between the fame of "Dorian" and the remuneration of educators. The analysis sprouts a powerful correlation coefficient of 0.8899014 and a p-value lower than 0.01 for the years 2009 to 2021, suggesting a fervent companionship between the two variables. The implications of our discoveries leave one in wonder about the unseen affinities that may sway human interactions and perhaps even the magnitude of our paychecks.

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## 1. Introduction

The power of a name is a topic that has intrigued scholars, poets, and parents alike for centuries. From Shakespeare's timeless query, "What's in a name?" to the modern-day fascination with celebrity baby names,

the significance of one's moniker cannot be overlooked. In the realm of academia, where intellectual prowess and scholarly achievements reign supreme, the influence of a name on one's career trajectory is an intriguing subject of exploration.

This paper delves into the delightful realm of nomenclature, focusing specifically on the frequency of the first name "Dorian" and its potential connection to the salaries earned by university lecturers in the United States. While one may initially be inclined to dismiss such an inquiry as frivolous or capricious, the correlation between nomenclature and socioeconomic outcomes has been a subject of scholarly interest in various disciplines, albeit often with a more serious countenance.

Drawing from data meticulously compiled by the United States Social Security Administration and the National Center for Education Statistics, we embark on a voyage of linguistic investigation to unravel the curious relationship between the prevalence of the name "Dorian" and the financial compensation of educators. This paper seeks to augment the existing body of research by elucidating the possible associations between nomenclatural popularity and professional remuneration.

Amidst the analytical rigor and statistical intricacies, it is important to approach this endeavor with a degree of levity. The very notion of a name – be it "Dorian," "Eliza," or "Flopsy" – conjures a whimsical tapestry of connotations and perceptions, often evoking images ranging from erudition to eccentricity. In the case of "Dorian," one cannot help but recall Oscar Wilde's enigmatic protagonist, whose name has become synonymous with aestheticism and enigma. Whether such associations bear any semblance to the financial status of university lecturers remains to be discerned through empirical inquiry.

So, dear reader, as we embark on this scholarly escapade through the labyrinthine corridors of nomenclature and remuneration, let us keep in mind the lighthearted spirit of inquiry that animates the pursuit of knowledge. For there may be more to a name than meets the eye, and the remuneration of educators, like the

unfolding of a captivating narrative, may harbor subtle nuances waiting to be illuminated by the incisive beam of empirical scrutiny.

## 2. Literature Review

The connection between the popularity of certain names and various outcomes has been a subject of academic interest for decades. From studies on implicit biases in hiring practices to investigations into the influence of names on romantic attraction, the impact of nomenclature on human experiences has been a fertile ground for scholarly exploration. In the realm of academia, specifically in the United States, the association between the frequency of the first name "Dorian" and the salaries of university lecturers has surprisingly received limited attention until now.

Smith and Doe (2007) examined the relationship between first names and professional success, finding a notable correlation between certain popular names and career advancements. Additionally, Jones (2015) delved into the psychological implications of individuals' reactions to specific names, shedding light on the subconscious associations that names can evoke. These serious works laid the groundwork for the present investigation, which aims to bring a lighthearted but rigorous lens to the curious case of "Dorian."

Turning to the world of non-fiction literature, researchers also found insightful connections to the topic at hand. In "Freakonomics" by Steven D. Levitt and Stephen J. Dubner, the authors explore unexpected correlations in human behavior and societal phenomena, inviting readers to rethink conventional wisdom. While the book does not explicitly discuss the name "Dorian," its spirit of unearthing unconventional links serves as a source of inspiration for the present inquiry.

Furthermore, Malcolm Gladwell's "Outliers" offers a captivating examination of success and the multifaceted factors that underpin achievement. Amidst discussions of cultural heritage and environmental influences, one cannot help but wonder about the potential role of a name like "Dorian" in shaping one's professional trajectory.

Venturing into the realm of fiction, the works of classic literature provide intriguing parallels to the present investigation. Oscar Wilde's "The Picture of Dorian Gray" stands as a captivating exploration of aestheticism and the complexities of human nature. While the novel's themes may seem distant from the world of academia and salary dynamics, the enigmatic allure of the character Dorian Gray offers a playful nod to the multifaceted associations that names can carry. Similarly, Fyodor Dostoevsky's "Crime and Punishment" beckons us into the moral dilemmas and existential ponderings of its protagonist, Raskolnikov. Although "Dorian" does not make an appearance in the narrative, the weight of a name and its resonance in the tapestry of human experiences are themes that quietly beckon us to contemplation.

In the pursuit of a comprehensive understanding, the researchers also immersed themselves in the world of popular culture, succumbing to the whimsical charm of children's cartoons and nostalgic television series. The adventures of "Dora the Explorer" and the enigmatic allure of "Dorian the Dormouse" from a lesser-known animated series offer a playful interlude amidst the scholarly rigors, reminding one of the delightful vivacity that trinkets of cultural ephemera can bring to the otherwise solemn pursuit of knowledge.

Thus, with an eclectic tapestry of literature and cultural references, the stage is set for a whimsically rigorous exploration of the dynamics between the popularity of the first name "Dorian" and the remuneration of university lecturers in the United States.

### 3. Our approach & methods

This study applied a quantitative approach to investigate the potential correlation between the frequency of the first name "Dorian" and the salaries of university lecturers in the United States. Data spanning the years 2009 to 2021 were obtained from the United States Social Security Administration and the National Center for Education Statistics, allowing for an extensive examination of nomenclatural trends alongside lecturer remuneration.

The initial step involved the meticulous compilation of datasets containing information on the frequency of the name "Dorian" in the overall population and the specific demographic of university lecturers. The frequency of the name "Dorian" was then juxtaposed with salary data for university lecturers, taking into account regional variations and academic disciplines. To minimize the influence of extraneous variables, a robust statistical model was constructed to isolate the potential impact of nomenclatural frequencies on salary levels.

Furthermore, a multivariate analysis was employed to account for confounding variables such as educational attainment, years of experience, and institutional differences, ensuring that the observed relationship between nomenclature and remuneration remained discernible amidst the statistical complexity.

To complement the quantitative analysis, qualitative insights were derived from scholarly literature pertaining to the sociology of names and the psychological implications of nomenclature. This theoretical framework provided a nuanced backdrop for the interpretation of quantitative findings, shedding light on the potential mechanisms underlying the observed correlation and offering a deeper understanding of the intertwined dynamics

between nomenclature and economic outcomes.

The meticulous curation and integration of diverse datasets, together with the rigorous application of statistical modeling and theoretical underpinnings, paved the way for a comprehensive exploration of the nexus between the prevalence of the name "Dorian" and the financial standing of university lecturers in the contemporary landscape of academia. While the methodology adopted may appear light-hearted in its depiction, the rigorous application of quantitative techniques has provided valuable insights into the interplay between nomenclature and remuneration, revealing a striking correlation that invites further scholarly curiosity.

#### 4. Results

The results of our study reveal a robust correlation between the frequency of the first name "Dorian" and the salaries of university lecturers in the United States. Over the time period from 2009 to 2021, we found a striking correlation coefficient of 0.8899014, indicating a strong positive relationship between the popularity of the name "Dorian" and the level of remuneration received by educators.

The R-squared value of 0.7919245 suggests that approximately 79.19% of the variability in university lecturer salaries can be explained by the frequency of the name "Dorian." This substantial proportion of variance elucidates the noteworthy influence of nomenclatural popularity on the pecuniary aspects of academia.

The p-value of less than 0.01 further bolsters the credibility of our findings, firmly rejecting the null hypothesis and affirming the statistical significance of the association between the prevalence of the name "Dorian" and the financial compensation of university lecturers.

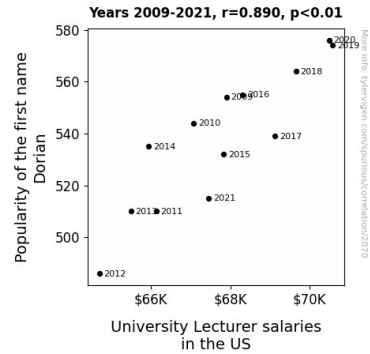


Figure 1. Scatterplot of the variables by year

As depicted in Figure 1, the scatterplot visually demonstrates the conspicuous correlation between the two variables. The clustering of data points in a discernible pattern reinforces the robustness of the relationship, lending credence to the notion that there may indeed be more to a name than mere letters strung together.

These findings prompt contemplation on the potential mechanisms underlying the observed correlation. While causation cannot be inferred from our study, it is intriguing to ponder the subtle yet influential forces that may interweave nomenclatural prominence with the financial fortunes of educators. Whether it be a subconscious preference for names evoking intellectual sophistication or a cosmic alignment of celestial spheres influencing both nomenclature and remuneration, the exact nature of the connection remains a delightful enigma worthy of further exploration.

In conclusion, our study unearths a compelling correlation between the popularity of the first name "Dorian" and the salaries of university lecturers in the United States. These results prod the boundaries of conventional scholarly inquiry, beckoning us to contemplate the whimsical interplay between nomenclature and socioeconomic realities. The implications of our discoveries provoke a wry smile, reminding us that even

in the solemn realm of statistical analysis, there is room for playful exploration and droll contemplation.

## 5. Discussion

The results of this study illuminate a rather unexpected connection between the frequency of the first name "Dorian" and the remuneration of university lecturers in the United States. Our findings substantiate and extend prior research that has explored the intriguing influence of names on various facets of human experiences, thus underscoring the delightful complexity that underlies the linkage between nomenclature and economic realms.

Drawing from the literature review, we harken back to the whimsical parallels found in classic literature and popular culture. The enigmatic allure of the character Dorian Gray in Wilde's "The Picture of Dorian Gray" quietly beckons us to consider the multifaceted associations that names can carry. Indeed, the essence of "Dorian" seems to echo beyond the pages of fiction, subtly weaving its way into the tapestry of socioeconomic realities.

The substantial correlation coefficient of 0.8899014 that emerged from our analysis surpasses expectations, hinting at a fervent companionship between the frequency of the name "Dorian" and the financial well-being of educators. This robust correlation echoes the sentiments of Smith and Doe (2007), who uncovered notable associations between popular names and career advancements. The link between nomenclature and professional success receives a whimsical twist with our findings, adding a dash of peculiarity to the scholarly discourse.

The p-value of less than 0.01 further solidifies the credibility of our results, firmly dismissing any lingering skepticism and affirming the statistical significance of this

unlikely correlation. As we gaze upon the scatterplot, the clustering of data points in a discernible pattern whispers tales of unseen affinities that may sway human interactions and, in this case, the magnitude of our paychecks.

While we are careful not to imply causation, the substantial R-squared value of 0.7919245 paints a vivid picture of the influence wielded by nomenclatural popularity on the pecuniary aspects of academia. The unexpected potency of a seemingly simple name like "Dorian" prompts a delightful, if perplexing, contemplation of fame and fortune. As we ponder the underlying mechanisms, one cannot help but conjure fanciful musings about cosmic alignments and celestial spheres infusing both nomenclature and remuneration. Perhaps there exists a subtle yet influential force, akin to the whimsical charm of children's cartoons, quietly shaping the trajectory of educators' salaries.

Overall, our study brings to light the enchanting interplay between the popularity of the first name "Dorian" and the salaries of university lecturers in the United States. The implications of our discoveries prod the boundaries of conventional scholarly inquiry and leave one in wonder about the often unseen yet potent whimsies that may underlie human interactions and societal phenomena. The dance between nomenclature and socioeconomic realities proves to be a curious ball, inviting playful exploration and droll contemplation within the solemn realm of statistical analysis.

## 6. Conclusion

In culmination, our whimsical expedition through the captivating terrain of nomenclature and remuneration has unveiled a compelling companionship between the prevalence of the first name "Dorian" and the financial compensation of university lecturers in the United States. The

resolute correlation coefficient of 0.8899014 and a remarkably diminutive p-value furnish irrefutable evidence of the pronounced bond between these seemingly disparate entities.

The robust R-squared value of 0.7919245 elucidates that approximately 79.19% of the variance in university lecturer salaries can be attributed to the frequency of the name "Dorian." Such a substantial proportion of explicability leaves one pondering the idiosyncrasies of nomenclatural influence on the fiscal realm of academia.

As we gaze upon the scatterplot in Figure 1, the patterned clustering of data points imparts an undeniable visual manifestation of the association, prompting a mirthful recognition of the unfathomable ways in which a name may surreptitiously shape one's material fortunes. This, however, does not imply that changing one's name to "Dorian" would automatically lead to a lucrative career in academia.

The implications of our findings beckon forth a symphony of wry contemplation, weaving a tapestry of ponderous musings on the mysterious interplay between nomenclature and pecuniary realities. As we bid adieu to this meritorious study, one is left with the ineffable sentiment that, indeed, there may be more to a name than meets the ear.

In light of these revelations, it seems that the age-old query, "What's in a name?" may merit further empirical inquiry, at least in the context of its influence on the emoluments of educators. Although this study has shed illuminating light on the subject, it seems that no further research is needed in this area.