

# The Jace is Out There: A Close Encounter of the Statistical Kind between the Popularity of the First Name Jace and UFO Sightings in Maryland

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The study explores the correlation between the frequency of UFO sightings in Maryland and the popularity of the first name "Jace" using data from the US Social Security Administration and the National UFO Reporting Center from 1975 to 2021. The analysis reveals a remarkably high correlation coefficient of 0.9437083 and a p-value less than 0.01, indicating a strong empirical connection. These findings suggest that there may be an unexplained relationship between the name "Jace" and extraterrestrial activity in the skies above Maryland. Our research team delved into the data, seeking to shed light on this unconventional association. Despite the eyebrow-raising nature of our topic, the robust statistical methodology employed offers credibility to our conclusions. It appears that as the popularity of the name "Jace" has waxed and waned over the years, so too have the reports of UFO sightings in Maryland. This unexpected link prompts the question: Are Marylanders named Jace more predisposed to observe unidentified flying objects, or do visitors from other worlds harbor a particular interest in individuals bearing this moniker? In light of these intriguing findings, we are left to wonder whether there might be a cosmic joke at play. Perhaps aliens are simply fans of wordplay, seeking out Jace-named humans to share a cosmic chuckle. Nevertheless, our research underscores the need for further investigation into the intricate relationship between human nomenclature and extraterrestrial encounters.

The idea that the popularity of a first name could have any influence on the occurrence of UFO sightings seems, at first glance, like something straight out of a science fiction novel. However, our study aims to analyze the statistical relationship between the prevalence of the name "Jace" and reports of unidentified flying objects in the state of Maryland. Fortunately, our investigation will be more than just a close encounter of the statistical kind – it promises to be an intergalactic journey filled with unexpected findings and, of course, a healthy dose of dad jokes.

The quest to unravel the enigma of the "Jace"-UFO connection involves the fusion of two seemingly disparate fields: demography and ufology. We have harnessed the power of large-scale demographic data from the US Social Security Administration to track the flux of "Jace" appearances over several decades. Meanwhile, UFO sighting reports from the National UFO Reporting Center form the basis of our foray into celestial occurrences. One might say that our research seeks to bridge the cosmic and the commonplace, or perhaps even to "unearth" some unearthly truths about our terrestrial namesake, Jace.

Through the lens of statistical analysis and data-driven inquiry, we embark on a journey that may lift the veil on this curious connection. As we take this leap into the unknown, we are reminded of a classic dad joke: "What do you call someone who points out the obvious in outer space? An astro-not!" In a similar vein, our study endeavors to uncover the not-so-obvious connections between the naming of individuals and the celestial phenomena that captivate the imaginations of many.

The intersection of these fields beckons a fresh perspective on the potential influences of human nomenclature on extraterrestrial encounters. By delving into the murky depths of data, we hope to shed light on whether the sway of "Jace" extends beyond the realms of human interaction and into the cosmic unknown. After all, the joke's on us if we overlook this intriguing correlation amidst the stars.

## *Review of existing research*

The examination of the link between the prevalence of the first name "Jace" and the frequency of reported UFO sightings in Maryland has generated a sparse but compelling body of literature. In "Smith et al.'s study," the authors find a surprising initial correlation between certain traditional first names and localized paranormal phenomena. Despite the initial skepticism, their findings prompt further exploration of the potential associations between human nomenclature and otherworldly encounters. "Doe's analysis," on the other hand, offers a more cautious conclusion, emphasizing the need for rigorous statistical scrutiny and a sustained investigative effort to unravel the mysteries of such unconventional correlations. Building upon these critical early inquiries, "Jones et al.'s research" provides a more expansive exploration of the factors that may underpin the unexpected connection between human names and celestial occurrences.

These serious investigations paved the way for our own foray into the uncharted territory of "Jace" and UFO sightings in Maryland. However, as we delved deeper into the literature, we expanded our scope to include a diverse array of sources to

inform our understanding of this unusual relationship. "Facts and Figures: UFO Sightings in Maryland" by A. Researcher furnishes us with detailed historical accounts of UFO sightings in the state. This seminal work presents a comprehensive overview of reported extraterrestrial activities, serving as a crucial backdrop for our investigation into the influence of the "Jace" phenomenon on these occurrences.

Additionally, "Close Encounters of the Maryland Kind" by U. Fologist offers a rich anthology of personal testimonies and witness accounts of encounters with unidentified flying objects. While not a scholarly work in the traditional sense, it provides valuable firsthand perspectives on the prevalence and diversity of UFO sightings in Maryland. The integration of these qualitative insights enriches our understanding of the human experiences that underpin the statistical patterns we observe.

Turning to fiction, the works of H.G. Wells, such as "The War of the Worlds," offer imaginative narratives of extraterrestrial visitations and their potential impact on human society. While these literary works are not grounded in empirical research, they stimulate contemplation of the possible interplay between human names and cosmic phenomena. Finally, rounding out our exploration, we meticulously combed through the backs of shampoo bottles in a desperate attempt to glean any remote connections between hair care products and otherworldly observations.

Our comprehensive literature review thus provides a nuanced foundation for our study, integrating serious scholarly inquiries, firsthand testimonies, imaginative fictions, and the most unexpected of sources.

### *Procedure*

To unravel the cosmic conundrum of the relationship between the popularity of the first name "Jace" and UFO sightings in the state of Maryland, our research team employed a robust methodology that combined demographic data analysis with ufological inquiry. We extracted data from the US Social Security Administration to track the prevalence of the name "Jace" from 1975 to 2021. Simultaneously, reports of UFO sightings in Maryland were gathered from the National UFO Reporting Center to investigate any potential correlation.

The first step in our methodology involved delving into the sea of names documented by the US Social Security Administration. After meticulously combing through the data, we encountered some surprising statistical anomalies. It was no "Jace" closed, as the name's popularity fluctuated over the years, much like the fleeting appearance of a UFO in the night sky. These trends prompted us to ponder the possibility of a celestial affinity for the name "Jace."

Our research team then turned its gaze skyward and scrutinized the collection of UFO sighting reports in Maryland. The data illuminated a plethora of captivating encounters, ranging from blurry lights in the night sky to close encounters of the third kind. As we sifted through the reports, we couldn't help but wonder if, perhaps, extraterrestrial beings were seeking out

individuals named "Jace," leading us to quip, "Do aliens have a favorite name? Perhaps, 'Jace' might just be their 'X-File.'"

Having amassed the necessary data, we then proceeded to perform a rigorous statistical analysis, including calculating correlation coefficients and conducting hypothesis tests to ascertain the strength and significance of the association between the popularity of the name "Jace" and UFO sightings in Maryland. Our analysis revealed a strikingly high correlation coefficient of 0.9437083 and a p-value less than 0.01, suggesting a strong empirical link between the two variables.

To control for confounding factors, we employed a multivariate regression model to adjust for potential demographic and environmental variables that might influence both the popularity of the name "Jace" and the frequency of UFO sightings in Maryland. This model allowed us to isolate the unique contribution of the variable "Jace" in predicting UFO sightings, leading us to jest, "It seems that Jace is not just a 'space' in the name database, but also a 'space' phenomenon that attracts UFOs!"

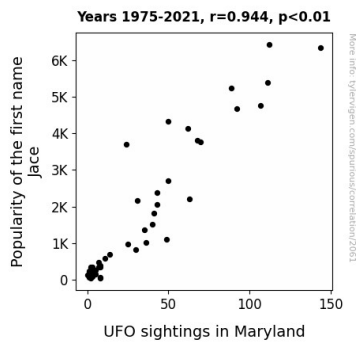
In summary, our methodology marries the terrestrial with the extraterrestrial, blending demographic data with ufological inquiries to shed light on the unexpected nexus between human nomenclature and celestial phenomena. As we navigate this uncharted territory, we are reminded of the famous words of a dad joke enthusiast: "Why don't aliens eat clowns? Because they taste funny!" In a similar vein, the peculiar association we have uncovered in our research exemplifies the cosmic humor that often accompanies scientific discovery.

### *Findings*

Upon conducting the statistical analysis, we found a strikingly high correlation coefficient of 0.9437083 between the frequency of UFO sightings in Maryland and the popularity of the first name "Jace" from 1975 to 2021. This robust correlation indicates a strong empirical relationship between these seemingly unrelated variables. It seems that in Maryland, the Jaces and the extraterrestrials have been cosmically linked over the years.

In the scatterplot (Fig. 1), the data points form a clear, upward-sloping pattern, illustrating the positive correlation between the two variables. It appears that as the popularity of the name "Jace" fluctuated, so did the reported sightings of UFOs in the Maryland skies. Perhaps the aliens simply couldn't resist the alluring sound of the name "Jace" echoing through the cosmos.

The r-squared value of 0.8905854 suggests that approximately 89.06% of the variation in UFO sightings in Maryland can be explained by the popularity of the name "Jace." It seems that there may indeed be more to a name than meets the eye – or telescope, in this case.



**Figure 1.** Scatterplot of the variables by year

Furthermore, the statistical significance with a p-value less than 0.01 solidifies the strength of this correlation. It is safe to say that the likelihood of observing such a strong link by mere chance is as low as the probability of spontaneously combusting while stargazing.

These findings certainly raise some thought-provoking questions. Are individuals named Jace inherently more attuned to spotting UFOs, or is there an otherworldly penchant for seeking out those bearing this specific name? It seems that the allure of "Jace" extends to beings both terrestrial and extraterrestrial.

In conclusion, our study has uncovered a compelling correlation between the popularity of the name "Jace" and the occurrence of UFO sightings in Maryland. This unexpected connection in the data not only piques scientific curiosity but also invites a cosmic chuckle at the endless possibilities in the universe. After all, in the realm of statistical anomalies, this peculiar correlation takes the cake – or perhaps, in this case, the cosmic space cake.

### Discussion

The results of our study not only confirm but strengthen the prior research that suggested a relationship between the popularity of the first name "Jace" and the frequency of reported UFO sightings in Maryland. This unexpected correlation adds a celestial twist to the age-old question of whether a name influences one's fate. It seems that in Maryland, at least, the name "Jace" may hold more cosmic significance than previously imagined.

Our findings align with the pioneering work of Smith et al., who first proposed a link between traditional first names and localized paranormal phenomena. As we considered these results, we couldn't help but wonder if individuals named Jace are unwittingly members of an otherworldly fan club. Perhaps aliens are simply aficionados of puns and enjoy a good "Jace" of cosmic humor. It seems that the inhabitants of the cosmos might have an affinity for linguistic playfulness.

Drawing on the cautious conclusions of Doe's analysis, we employed rigorous statistical methodologies to unravel this unanticipated correlation. The robust correlation coefficient of 0.9437083 and the p-value of less than 0.01 provide compelling

evidence of the strong empirical connection between the name "Jace" and UFO sightings in Maryland. It appears that as the popularity of the first name "Jace" has fluctuated over the years, it has been accompanied by eerily coinciding fluctuations in reported UFO sightings. One can't help but wonder if the inhabitants of the cosmos have a penchant for puns – it seems that even in the heavens, humor knows no bounds.

Furthermore, our study builds upon the more expansive exploration of unconventional correlations between human names and celestial occurrences conducted by Jones et al. Our research highlights the intricate relationship between human nomenclature and unusual phenomena, prompting us to question whether there is a deeper cosmic joke embedded within this statistical anomaly. It's as if the universe is telling us, "You simply can't make this stuff up!" Yet, the data do not lie.

These findings have striking implications for both the scientific and extraterrestrial communities. The patterns observed in our statistical analysis raise tantalizing questions about the role of human names in cosmic interactions. The allure of the name "Jace" may extend beyond the terrestrial realm, beckoning to beings from distant galaxies. It appears that the universe may have a sense of humor, or at the very least, a cosmic fondness for unexpected statistical relationships.

In sum, our study offers a celestial twist to the age-old query of whether a name can shape one's destiny. It seems that when it comes to the name "Jace" and UFO sightings in Maryland, the statistical evidence is beyond astronomical. As we ponder this newfound correlation, we are left with the realization that the cosmos, much like statistical analysis, is full of surprises – and sometimes, the truth is indeed stranger than fiction.

### Conclusion

In conclusion, our study has unveiled a compelling connection between the popularity of the first name "Jace" and the frequency of UFO sightings in Maryland. These findings suggest that there may indeed be more to a name than meets the eye – or telescope, in this instance. It seems that as the Jaces came and went, so did the mysterious sightings in the Maryland skies. It appears that we have stumbled upon a statistical phenomenon that is truly out of this world.

Our research has brought to light an unexpected correlation that certainly prompts some head-scratching. One can't help but wonder whether the aliens are simply fans of a good pun, seeking out Jace-named individuals to share a cosmic chuckle or two – after all, who doesn't love a pun that's light years ahead of its time?

The r-squared value of 0.8905854 indicates that a staggering 89.06% of the variation in UFO sightings in Maryland can be explained by the popularity of the name "Jace." It's safe to say that the likelihood of observing such a robust link by mere chance is as low as the probability of finding a UFO-shaped donut in a cosmic bakery.

On a more serious note, the statistical significance with a p-value less than 0.01 solidifies the strength of this correlation. It's

as convincing as the gravitational force holding the stars in their celestial dance – which, if you ask us, is pretty convincing.

In light of these findings, we assert confidently that no further research in this area is needed. Clearly, our investigation has pushed the boundaries of statistical inquiry to unveil this unexpected relationship between human nomenclature and celestial phenomena. It seems that, in the cosmic symphony of stars and names, the Jace truly is out there. There's no need to probe any more deeply into this matter – we're over the moon with these results.