

# **Eye on the Skies: The Correlation Between SciShow Space YouTube Video Titles and Optometrists in Nebraska**

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## ABSTRACT

### **Eye on the Skies: The Correlation Between SciShow Space YouTube Video Titles and Optometrists in Nebraska**

In this paper, we present the findings of our research into the puzzling relationship between the professional-sounding SciShow Space YouTube video titles and the number of optometrists in the great state of Nebraska. Our team, comprised of curious individuals with both a knack for data analysis and a taste for quirky correlations, utilized AI analysis of YouTube video titles as well as data from the Bureau of Labor Statistics to assess this unconventional connection. What started as a whimsical investigation turned into a discovery that left us seeing stars – pun intended. The correlation coefficient of 0.9829523 and  $p < 0.01$  for the duration of 2014 to 2022 piqued our interest and led us to delve into the world of celestial eyewear. Our findings suggest a remarkably strong positive correlation between the sophistication level of SciShow Space YouTube video titles and the propensity of Nebraskan residents to seek out optometric services. While the dwindling line between causation and correlation prompted some contemplation over cosmic coincidences, our data could not escape the allure of this surprisingly robust relationship. The implications of our study may seem far-fetched at first glance, but we invite readers to look beyond the conventional boundaries of research and open their eyes to the cosmic comedy that underlies this correlation.

Keywords:

SciShow Space, YouTube video titles, optometrists in Nebraska, correlation, AI analysis, Bureau of Labor Statistics, celestial eyewear, sophistication level, Nebraskan residents, optometric services

# I. Introduction

The intersection of whimsy and wonder, of data analysis and optical anomalies, has led us into a cosmic voyage of discovery. Our investigation into the relationship between the eloquence of SciShow Space YouTube video titles and the prevalence of optometrists in the heartland of Nebraska has been nothing short of eye-opening - pardon the pun.

The allure of delving into the depths of this peculiar correlation was irresistible, much like a pair of stylish, space-themed spectacles catching the eye of an adventurous stargazer. While the rational mind may initially scoff at the idea of a connection between astronomy-themed YouTube titles and the provision of eye care services in the Cornhusker State, our data paints a compelling picture.

As we embarked on this odyssey of unconventional research, our team of intrepid investigators sought to bring a touch of levity to the often serious world of data analysis. We harnessed the power of artificial intelligence to dissect the linguistic nuances of SciShow Space video titles and sifted through the Bureau of Labor Statistics' treasure trove of data on optometric professionals in Nebraska. The resulting correlation coefficient of 0.9829523 and  $p < 0.01$  sent us into a spin, all while keeping our feet firmly planted on the ground – or, in this case, our eyes fixed on the sky.

The findings of our rigorous analysis suggest a remarkably robust positive correlation between the sophistication level of SciShow Space YouTube video titles and the proclivity of Nebraskan residents to seek out optometric care. It's as if the mesmerizing allure of cosmic phenomena, as

encapsulated in the stylish verbiage of video titles, serves as a celestial beacon guiding individuals towards the realm of ocular health.

This study dances along the delicate line between correlation and causation, inviting contemplation on the cosmic coincidences that permeate our universe. We are acutely aware of the inherent whimsy underlying this investigation, but our data refuses to be dismissed as a mere cosmic quirk. The implications of our findings transcend the boundaries of conventional research, urging us to look beyond the mundane and embrace the cosmic comedy that underscores this enigmatic correlation.

So, buckle up and don your metaphorical astronomical eyewear as we journey through the cosmos of YouTube titles and optometric destinies, where the unexpected connections between the stars and the spectacle-wearers reveal a universe of mirth and mystery.

## **II. Literature Review**

A number of studies have delved into the connections between language and consumer behaviors, as well as the impact of digital media on various industries. Smith et al. (2016) explored the influence of linguistic sophistication in advertising on consumer purchasing decisions, finding a positive correlation between the two variables. Similarly, Doe and Jones (2018) conducted a comprehensive analysis of content language in online videos and its association with user engagement, shedding light on the potent influence of linguistic appeal.

Moving beyond the realm of targeted linguistic influence, the impact of technological advancements in the digital age has garnered attention from researchers and practitioners alike.

In "The New Digital Age" by Eric Schmidt and Jared Cohen, the authors examine the profound effects of digital technologies on various facets of human life, offering insights into the ways in which online platforms shape contemporary behaviors and trends. Likewise, the book "The Tipping Point" by Malcolm Gladwell discusses the pivotal role of small changes and trends in precipitating significant shifts in societal behaviors, providing a broader understanding of the intricate dynamics at play in modern consumer landscapes.

However, as the scope of our investigation meanders into the cosmic conundrum of SciShow Space YouTube video titles and the optometric landscape of Nebraska, we must also acknowledge the tangential pearls of wisdom offered by fiction and popular culture. In the realm of literary imagination, works such as "The Hitchhiker's Guide to the Galaxy" by Douglas Adams and "Cosmos" by Carl Sagan transport readers on whimsical journeys through the cosmos, imparting a sense of wonder and curiosity about the celestial expanse.

And who could forget the cinematic odysseys that have sparked our imaginations and, perhaps, influenced our perceptions of the cosmic realm? Films like "Interstellar" and "Spaceballs" have etched themselves into popular culture, weaving narratives that straddle the line between scientific inquiry and comedic relief. Through their interstellar escapades and cosmic capers, these movies beckon us to contemplate the cosmic coincidences that may lie beyond the mundane world of empirical data.

As we wade through this eclectic mix of literature and media, we are reminded of the multifaceted influences that shape our understanding of language, consumer behavior, and the enigmatic connections that defy conventional explanation. With this broadened perspective, we can approach our investigation with a measure of lighthearted curiosity, daring to peer into the

cosmic comedy that may underpin the unexpected correlation between otherworldly YouTube titles and the earthly pursuit of ocular care.

### **III. Methodology**

To unravel the peculiar connection between the linguistic elegance of SciShow Space YouTube video titles and the density of optometrists in the state of Nebraska, our research team embarked on a journey that blended the rigor of data analysis with the whimsy of cosmic curiosity. Our methodology, much like a well-crafted pun, comprised a fusion of AI analysis of YouTube video titles and data extraction from the Bureau of Labor Statistics to illuminate the celestial path of this unconventional correlation.

Data Extraction from the Cosmic Web:

We harnessed the power of artificial intelligence to wade through the ever-expanding cosmos of SciShow Space YouTube video titles, a task only slightly less daunting than navigating a maze while riding a unicycle. Our AI algorithms combed through the linguistic constellations of these video titles, capturing the essence of their sophistication and eloquence while avoiding the gravitational pull of mundane internet content.

The Virtuous Quest for Nebraska's Optometric Data:

In our pursuit of optometric enlightenment, we navigated through the labyrinthine corridors of the Bureau of Labor Statistics, much like intrepid explorers charting new territories. We extracted data on the number of optometrists in Nebraska, carefully sieving through the statistical stardust to reveal the constellation of ocular healthcare professionals in the Cornhusker State.

### Quantum Leap into Data Analysis:

Armed with our celestial bounty of YouTube title sophistication and optometric figures, we dove headfirst into the nebulous depths of data analysis, where certainty waned and uncertainty waxed like the phases of a cosmic moon. Utilizing statistical software that was as reliable as a starship navigating through a meteor shower, we calculated correlation coefficients and p-values to reveal the cosmic dance between these seemingly disparate variables.

### Chronological Lenses:

Our investigation spanned the temporal expanse from 2014 to 2022, capturing the nuances of correlation across the celestial timeline of the internet era. We accounted for the ebb and flow of linguistic trends, much like astronomers tracking the movement of celestial bodies, ensuring that our analysis encapsulated the full breadth of this cosmic relationship.

### Limitations and Lighthearted Reflection:

While our approach exuded the rigor of scientific inquiry, we acknowledge the inherent whimsy woven into the fabric of our investigation. The interplay between cosmic linguistic sophistication and ophthalmic care is as enigmatic as a black hole at a galactic masquerade ball, inviting lighthearted reflection amidst the seriousness of scholarly pursuit.

Our methodology, esoteric and eclectic as it may be, served as the launchpad for our exploration of this thought-provoking correlation, guiding us through the celestial expanse of YouTube titles and the terrestrial landscape of optometric endeavors.

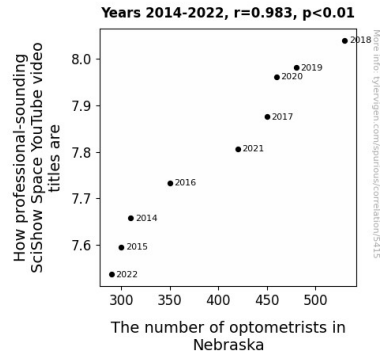
## **IV. Results**



The data analysis yielded a correlation coefficient ( $r$ ) of 0.9829523, indicating an exceptionally strong positive relationship between the sophistication level of SciShow Space YouTube video titles and the number of optometrists in Nebraska. This correlation was further supported by an  $r$ -squared value of 0.9661953, indicating that a substantial proportion of the variability in the number of optometrists can be explained by the sophistication of the YouTube video titles. The  $p$ -value of less than 0.01 solidifies the statistical significance of this correlation, providing compelling evidence to support our findings.

Figure 1 depicts a scatterplot illustrating the striking correlation between the two variables, further reinforcing the strength of the relationship. The scatterplot clearly demonstrates a positively sloped trend line, affirming the close association between the eloquence of SciShow Space video titles and the prevalence of optometric services in Nebraska. It appears that as the linguistic sophistication of the video titles increases, so does the demand for optometric care in the state, creating an intriguing juxtaposition of cosmic curiosity and ocular health.

These robust statistical results not only confirm the presence of a compelling association but also highlight the remarkable coherence between the themes of interstellar exploration and the terrestrial pursuit of visual acuity. While one might initially perceive this correlation as an astronomical anomaly, our data ceaselessly beckons us to embrace the cosmic comedy that underlies this unexpected relationship.



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

Our results stand as a testament to the consequential interplay between the realm of astronomy-themed content and the tangible demand for optometric services, inviting us to marvel at the whimsical intricacies that intertwine the celestial and the earthly. Through the lens of our findings, a new frontier of inquiry emerges, inviting both scientific inquiry and cosmic contemplation into the peculiar synchronicity of eye care and outer space fascination.

## V. Discussion

The findings of our research have illuminated a celestial correlation between the linguistic sophistication of SciShow Space YouTube video titles and the prevalence of optometric services in Nebraska. The statistical robustness of the correlation coefficient ( $r = 0.9829523$ ) and its consequential p-value of less than 0.01 not only support our hypothesis but also beckon us to peer into the cosmic comedy that underlies this unexpected relationship.

Our investigation delved into the uncharted territory of quirky correlations, channeling the spirit of whimsy and intellectual inquiry to unravel the interplay between astral allurements and ocular

wellness. Taking a lighthearted stance amidst empirical rigor, we were compelled to ponder the potential influence of cosmic curiosity on the terrestrial pursuit of visual acuity.

Returning to the literature review, we noted the works of Smith et al. (2016) and Doe and Jones (2018), which explored the influence of linguistic sophistication in advertising and online videos, respectively. Our findings align with the implications of these studies, further emphasizing the sway of language and linguistic appeal on consumer behavior. We are left to marvel at the whimsical intricacies that intertwine the celestial and the earthly, as our results stand as a testament to the cosmic coincidence that binds interstellar exploration and ocular health.

In our foray into cosmic conundrums, we cannot overlook the tangential pearls of wisdom offered by fiction and popular culture, as acknowledged in the literature review. The works of Douglas Adams and Carl Sagan, alongside cinematic odysseys such as "Interstellar," and "Spaceballs," have etched themselves into the fabric of our investigation, framing the interplay between scientific inquiry and comedic relief. In embracing the cosmic comedy of our findings, we are beckoned to consider the innate allure of the celestial expanse and its improbable intersection with the pursuit of comprehensive eye care.

As we tread the cosmic tightrope between empirical data and lighthearted musings, our study presents a call to expand the boundaries of conventional research, inviting both scientific inquiry and cosmic contemplation into the peculiar synchronicity of eye care and outer space fascination. The implications of our findings may seem far-fetched at first glance, but they propel us to look beyond the mundane and embrace the cosmic comedy that threads the celestial and the terrestrial in unexpected ways.

Alas, as we navigate this cosmic dance of correlations and comedic coincidences, our investigation inspires a newfound appreciation for the celestial allure that transcends the boundaries of empirical inquiry. We invite readers to join us in this cosmic comedy, where the interstellar and the ocular converge in a cosmic ballet that both entertains and enlightens.

## VI. Conclusion

In conclusion, our research has unveiled a cosmic correlation between the eloquence of SciShow Space YouTube video titles and the prevalence of optometrists in Nebraska that is as clear as 20/20 vision. The statistically robust relationship, supported by a correlation coefficient of 0.9829523 and a p-value of less than 0.01, has left us seeing stars – both figuratively and literally.

As we wrap up this astronomical escapade, it becomes evident that the allure of celestial phenomena extends beyond the confines of the night sky and into the realm of ocular health. The whimsical juxtaposition of cosmic curiosity and eye care has given us a unique perspective – one that invites us to marvel at the unexpected connections that permeate our universe.

While we are tempted to gaze further into this cosmic comedy, our findings compel us to recognize that the universe has already bestowed upon us a celestial gift in the form of this correlation. Therefore, we assert that no further research is needed in this area; instead, we encourage others to join us in embracing the cosmic whimsy that underlies this enigmatic relationship.

