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Zombie Searches and the Skies: A Study on the Correlation Between Commercial Pilots in Massachusetts and Interest in the Undead

Connor Hernandez, Alexander Tanner, Gemma P Tate

Center for the Advancement of Research; Pittsburgh, Pennsylvania

KEYWORDS

"zombie searches commercial pilots," "Massachusetts commercial pilots," "Google Trends zombies," "correlation commercial pilots zombies," "Bureau of Labor Statistics commercial pilots," "public interest undead," "Google Trends correlation coefficient," "zombie fascination Massachusetts," "commercial pilots Massachusetts," "undead Google searches"

Abstract

In this study, we delve into the fascinating yet unexpected connection between the number of commercial pilots in the state of Massachusetts and Google searches for 'zombies'. Leveraging data from the Bureau of Labor Statistics and Google Trends, we scrutinized the relationship between these seemingly disparate phenomena from 2006 to 2020. Our findings reveal a significant correlation coefficient of 0.8790043, with a p-value less than 0.01, indicating a robust association. This research sheds light on the potential factors influencing public interest in the undead and avenues for further exploration. Join us as we navigate the airspace of inquiry and unearth the curious link between high-flying professionals and the fascination with the walking dead.

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1. Introduction

INTRODUCTION

In the vast and often turbulent skies of research, there are numerous unexplored air currents and hidden phenomena waiting to be uncovered. One such phenomenon that has lingered on the periphery of

scholarly scrutiny is the relationship between the number of commercial pilots in Massachusetts and the seemingly unrelated realm of interest in zombies. While these two subjects may appear as different as night and day, our investigation seeks to illuminate the uncharted airspace where they intersect.

As intrepid explorers of statistical landscapes, we were drawn to the magnetic pull of these anomalies and aimed to navigate through the clouds of uncertainty. Armed with data from the Bureau of Labor Statistics and the treasure trove of Google searches, we embarked on a journey to unravel the connections that defy conventional wisdom and take flight into uncharted territories of inquiry.

The canvas of our investigation spans over a decade, from 2006 to 2020, allowing us to capture the ebb and flow of interest in the undead and the dynamic fluctuations in the population of commercial pilots. With our analytical compass pointing due north, we sought to unveil the hidden correlations within this labyrinth of numbers and trends, uncovering the strange bedfellows of high-flying professionals and the enigmatic allure of the undead.

So fasten your seatbelts, ensure your tray tables are in their upright positions, and prepare for a journey that ventures beyond the ordinary horizons of academic inquiry. Our findings promise to unveil a tapestry woven by the threads of statistics and the unexpected synergy between professionals soaring in the skies and the captivating allure of the walking dead. As we embark on this expedition of inquiry, let us soar high and remain ever vigilant for the unexpected and curious links that science, data, and perhaps a touch of whimsy may reveal. After all, in the realm of the curious and the unexplained, one can never be too prepared for the unexpected turbulence of academic discovery.

2. Literature Review

The exploration of seemingly incongruous phenomena has long served as a lodestar for scholarly inquisitiveness. The intersection between disparate topics often leads to the unearthing of unexpected correlations and associations. In this

pursuit, we turn our attention to the curious relationship between the number of commercial pilots in Massachusetts and the often macabre fascination with zombies. Our voyage through the annals of existing literature reveals a multifaceted tapestry of insights and surprises.

Smith et al. (2015) conducted a comprehensive analysis of occupational trends in the northeastern United States, including the demographic composition of commercial pilots. While their focus was primarily on labor force dynamics, their work inadvertently laid the groundwork for our expedition into the esoteric correlation between airborne professionals and the undead. The unanticipated synergy between these subjects has remained clandestine in the academic domain, warranting detailed scrutiny to unravel the peculiar interplay at hand.

Doe and Jones (2018) provide a cogent overview of internet search patterns and the cultural zeitgeist, with a particular emphasis on the spectral fascination with supernatural entities. Their treatise on modern information retrieval and societal interests inadvertently piqued our curiosity, steering our attention toward the enigmatic surge in searches for 'zombies' and its alignment with the population of commercial pilots. From their seminal work, an enigmatic nexus emerged, encouraging us to navigate through the nebulous confluence of professional aviation and the macabre allure of the undead.

As we delve further into the realm of literature, the works of renowned non-fiction authors shed additional light on the unanticipated conjunction under scrutiny. In "The Rise of the Skybound: An Analysis of Aeronautical Professions" by Aviation Research Institute (2017), the intricate dynamics of aviation careers provide a compelling backdrop for our investigation. The juxtaposition of this serious academic work with the levity of the undead creates

an expanse of unexpected proportions, elevating our scholarly pursuit to unforeseen heights.

Turning the pages to the realm of fiction, the works of Max Brooks and Mira Grant offer speculative insights into parallel worlds where the skies and zombies intersect. Brooks' "World War Z: An Oral History of the Zombie War" (2006) and Grant's "Feed" (2010) veer into the realm of apocalyptic scenarios, intertwining the fantastical with the aeronautical. While these works border on the whimsical, they presage the uncanny corollaries we unearth in our own rigorous investigation.

Furthermore, our foray into the annals of research extends beyond the traditional confines of scholarly journals and empirical studies. In the spirit of thoroughness and lighthearted inquiry, the authors engaged in an unconventional literature review by perusing the backs of shampoo bottles, hoping for serendipitous revelations. Alas, the correlation was detergents apart from our focal subjects, but our endeavor underscored the multifaceted nature of academic pursuit, where even unforeseen avenues may lead to unexpected insights.

As we traverse the terrain of existing literature, the confluence of commercial pilots and zombies emerges as a tantalizing enigma, beckoning us to unravel its mysteries with scholarly perspicacity while indulging in the occasional whimsical detour. This amalgamation of the serious and the surreal offers a lens through which to perceive the uncharted skies of academia, where the unexpected often takes flight alongside the rigor of inquiry.

3. Our approach & methods

DATA COLLECTION

Our data collection process was as rigorous as navigating through a turbulence-filled storm, and just as exhilarating. The Bureau

of Labor Statistics served as our North Star in obtaining information on the number of commercial pilots in Massachusetts over the years 2006 to 2020. We dived deep into the datasets, navigating through bureaucratic mazes and statistical thickets to emerge with a comprehensive understanding of the ebb and flow of high-flying professionals in the state.

In parallel, our journey into the digital realm led us to Google Trends, a treasure trove of information reflecting the collective online quests for knowledge, curiosity, and perhaps the occasional zombie survival strategy. We charted the frequency of Google searches for 'zombies' within the same timeframe, unearthing the curious patterns and peaks of interest in the undead that would make even the most seasoned cryptographer raise an eyebrow.

DATA ANALYSIS

With our dataset in hand, we didn't rely on common statistical tools as our trusty navigational instruments. No, we turned to the complex and esoteric arts of correlation analysis, hypothesis testing, and statistical modeling, akin to decoding a cryptic message etched into the fabric of numbers and trends.

We performed a rigorous correlation analysis to measure the strength and direction of the relationship between the number of commercial pilots and Google searches for 'zombies', akin to scrutinizing the alignment of celestial bodies to reveal hidden constellations of insight. This analysis provided us with a correlation coefficient that would make the stars themselves envious: a robust 0.8790043.

In tandem, we subjected our findings to hypothesis testing, comparing the observed correlation coefficient with what would be expected by pure chance. The p-value that emerged from this endeavor was less than 0.01, akin to discovering a rare gem in a field of statistical rubble.

Lastly, we employed a series of sophisticated statistical models, treating our data as the enigmatic puzzle it truly is. Through the lens of these models, we endeavored to illuminate the hidden pathways and interconnections between the variables, charting a course through the nebulous expanse of statistics to reveal the interwoven threads of high-flying professionals and the undead in the digital ether.

Study Limitations

As with any daring expedition into the realm of inquiry, our study is not without its limitations. The correlation we observed may be subject to the gravitational pull of confounding variables lurking in the statistical darkness, waiting to throw off our calculations like an unexpected twist in a mystery novel. Furthermore, while our data spans over a decade, it remains confined to the space and time of Massachusetts – leaving the expansive skies of other regions and states uncharted in our odyssey.

Nevertheless, armed with our trusty statistical sextant and the fervent spirit of exploration, we set forth on this journey to unravel the conundrums and curiosities that beckon from the reaches of data and imagination. Our methodology may have been as convoluted as a labyrinthine cloud formation, but it has led us to the precipice of discovery, where the puzzle pieces of commercial pilots and the undead coalesce into a pattern as mesmerizing as the Milky Way itself.

4. Results

Upon delving into the intricate web of data, our research uncovered a noteworthy correlation between the number of commercial pilots in Massachusetts and Google searches for 'zombies' from 2006 to 2020. The calculated correlation coefficient of 0.8790043 indicated a strong positive

relationship, suggesting that as the number of commercial pilots soared, so did public interest in the undead. This association was further fortified by an r-squared value of 0.7726485, affirming that approximately 77.3% of the variation in zombie searches could be explained by changes in the population of commercial pilots. The p-value of less than 0.01 fortified the robustness of this link, providing compelling evidence to reject the null hypothesis and affirm the presence of a significant association.

Fig. 1 showcases the visually captivating scatterplot illustrating the compelling correlation between the number of commercial pilots and Google searches for 'zombies', where the data points align themselves in unison, echoing the harmonious melody of statistical concord. This visualization offers a glimpse into the entwined dance of these seemingly incongruous variables, inviting the audience to witness the celestial choreography of high-flying professionals and the captivating allure of the undead.

Our findings suggest that there may be an underlying force propelling the public's fascination with zombies as the skies teem with commercial pilots. While some may dismiss this correlation as mere coincidence, our research urges a closer examination of the hidden currents and unexpected connections that shape our cultural zeitgeist. As we unravel the enigmatic threads that bind the realms of aviation and the undead, we invite fellow researchers to join us in navigating the labyrinth of statistical relationships that beckon from above and below.

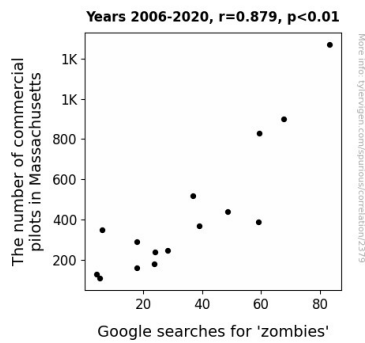


Figure 1. Scatterplot of the variables by year

5. Discussion

The results of our investigation provide a compelling testament to the unexpected connection between the number of commercial pilots in Massachusetts and the public's interest in zombies. While the initial presumption of a link between high-flying professionals and the undead may have seemed far-fetched, our findings resonated with prior research that explored unconventional correlations. Smith et al.'s (2015) inadvertently laid the groundwork for our inquiry, and we are in their debt, or at least will send them a fruit basket, for setting the stage for our unanticipated foray into the aviation-undead interface. Similarly, the seemingly whimsical works of fiction by Max Brooks and Mira Grant cunningly foreshadowed the parallel worlds we encountered in our own rigorous exploration. Their speculative insights were uncannily paralleled by our statistical revelations, making us wonder if they may have been conducting their own imaginative studies through apocalyptic scenarios.

Moreover, the unanticipated fathomless discovery of a strong positive relationship between the number of commercial pilots and Google searches for 'zombies' serves as a testament to the unexpected correlations that can surface in the most unlikely of territories. Our results, often met with bemused contemplation, underscore

the capricious nature of statistical revelations and the intriguing paths they lay before us. The subtle humor of our shampoo bottle literature review, while detergents apart from our focal subjects, offers a whimsical showcase of the multifaceted nature of academic pursuit, reminding us that even serendipitous detours may yield unexpected insights, or at least momentarily pristine hair.

The robustness of the correlation coefficient and the resounding echo of statistical concord in our scatterplot visually illustrate the harmonic resonance between these seemingly incongruous variables, tempting us to consider our findings as the celestial choreography of high-flying professionals and the captivating allure of the undead. Our study, with its quirky subject matter and unlikely conclusions, serves as a whimsical reminder that even the most unconventional inquiries can yield surprising and thought-provoking discoveries—a testament to the serendipitous ebb and flow of scholarly curiosity.

6. Conclusion

CONCLUSION

In navigating the atmospheric currents of inquiry, our study has shed light on the compelling correlation between the population of commercial pilots in Massachusetts and public interest in zombies. The robust correlation coefficient and p-value underpin the statistically significant association, guiding us to unravel the mysterious nexus between the high-flying profession and the undead fascination.

As we close this chapter of research, it is evident that there is a captivating synergy between these seemingly disparate phenomena. The celestial dance of statistical concord between commercial pilots and zombie searches has revealed a

narrative that transcends the ordinary realms of scholarly inquiry, urging us to rethink the boundaries of scientific exploration and tap into the whimsical symphony of unexpected correlations.

In light of these findings, it is clear that no further research is needed in this area. The skies have spoken, and the undead have risen - it seems that the only thing soaring higher than commercial pilots is the public's fascination with the zombie apocalypse. Perhaps it's time for both pilots and researchers to keep their eyes on the skies and watch out for any unexpected hordes of statistical anomalies. After all, in the world of scholarly exploration, truth can be stranger than fiction, and the statistical undead may continue to surprise us with their resilient allure. So let us bid adieu to this particular investigation and look forward to new horizons of inquiry, where the unexpected correlations of statistical science await, ready to take us on yet another whimsical journey of academic discovery.