# Unidentified Far-fetched Observations: The UFO-nique Relationship Between Colorado UFO Sightings and US Patents

## Chloe Hart, Abigail Thomas, Gavin P Tate

Center for Higher Learning

This study examines the peculiar and unexplored relationship between UFO sightings in Colorado and the granting of patents by the United States Patent and Trademark Office (USPTO). Using data from the National UFO Reporting Center and USPTO, our research team delved into this unconventional connection. Surprisingly, our analysis revealed a staggering correlation coefficient of 0.9311126 and a statistically significant p-value of less than 0.01 for the time period spanning from 1975 to 2020. The findings of this study challenge conventional wisdom and raise thought-provoking questions about the potential impact of extraterrestrial encounters on human innovation.

The mysterious realm of UFO sightings has long been a subject of fascination and speculation. The mere mention of Unidentified Flying Objects often evokes images of little green beings, cosmic conspiracies, and intergalactic travel. It's a topic that has hovered on the periphery of serious scientific inquiry, occasionally dipping into the world of tabloids and conspiracy theories

However, this study boldly goes where few researchers have gone before, aiming to shed light on the unusual relationship between UFO sightings in the picturesque state of Colorado and the innovative endeavors culminating in the granting of patents by the United States Patent and Trademark Office (USPTO). While some may dismiss this topic as being "out of this world," we approach it with the utmost intellectual curiosity and a healthy dose of skepticism.

Considering the multifaceted nature of this investigation, it's important to highlight the potential implications of our findings. Could it be that the Mile-High State's breathtaking landscapes serve as a magnet for both extraterrestrial visitors and inventive thinkers? Or is this simply an amusing cosmic coincidence, like finding a bag of potato chips at a UFO landing site?

To embark on this exploratory journey, we harnessed the power of data from the National UFO Reporting Center and the USPTO, bringing together two seemingly disparate realms of information in a collision of cosmic proportions. Our analysis has yielded unexpected results, challenging the boundaries of conventional wisdom and prompting further deliberation on the intersection of the unexplained and the innovative.

The extraordinary correlation coefficient of 0.9311126 and a statistically significant p-value of less than 0.01 uncovered by our research team acts as a meteorite crash-landing in the fields of skepticism, demanding attention and a willingness to entertain the extraordinary. In doing so, it introduces a new

dimension to the age-old debate of whether truth is indeed "out there."

With these intriguing revelations in mind, fasten your seatbelts and prepare for a scholarly journey that promises to push the boundaries of traditional academic inquiry and perhaps even provide a cosmic chuckle or two on the way.

### Review of existing research

The current investigation builds upon a rich body of literature that delves into the realm of UFO sightings, patent grants, and the eccentric crossroads where they intersect. In "Extraterrestrial Encounters and Technological Breakthroughs" by Smith et al., the authors find a modest positive correlation between reported UFO sightings and patent activity in various regions of the United States. While their study provides an initial glimpse into this peculiar area of inquiry, it fails to capture the kaleidoscope of cosmic absurdity that we aim to unravel in our own analysis. Furthermore, in "Beyond the Stars: Exploring Unconventional Connections in Scientific Discovery," Doe and Jones examine the impact of unconventional phenomena on human creativity and innovation, offering a tantalizing glimpse into the uncharted territories of otherworldly inspiration.

Turning to the wider intellectual landscape, real-world accounts and speculative musings converge in works such as "UFOs over Colorado: A Collection of Eyewitness Testimonies" and "The Patent Paradox: How Extraterrestrial Visitors Shape Human Innovation." Furthermore, fictional explorations in literature cannot be overlooked, as they often contain kernels of truth amidst their fantastical narratives. Works such as "The War of the Worlds" by H.G. Wells and "E.T. the Extra-Terrestrial" have captured the public imagination and, in their own way, colored the lens through which UFO phenomena are perceived.

In the pursuit of academic rigor and thoroughness, unconventional sources were also consulted in the comprehensive review of the literature. This included an examination of public restroom graffiti, fortune cookie messages, and the fine print on CVS receipts. While these sources may raise eyebrows, they ultimately enrich the contextual fabric of our exploration and serve as a reminder that the cosmos is indeed a vast and enigmatic tapestry, fraught with the unexpected and the absurd.

#### Procedure

To unravel the mysterious relationship between UFO sightings in Colorado and US patents granted, our research team embarked on a multifaceted quest that combined the rigor of empirical analysis with the wonder of cosmic curiosity. The data used in this study encompassed the time period from 1975 to 2020, capturing several decades of celestial phenomena and inventive ingenuity.

The first step in our celestial escapade involved harnessing the extensive archives of the National UFO Reporting Center. We combed through a plethora of reports, carefully documenting the date, time, and location of each sighting in the picturesque state of Colorado. Our team of intrepid researchers diligently sifted through these accounts, distinguishing between probable phenomena and sightings that truly transcended the bounds of conventional understanding.

Simultaneously, we navigated the labyrinthine corridors of the United States Patent and Trademark Office (USPTO), unfurling the scrolls of innovation and ingenuity. Our examination encompassed patents across various domains, from the sublime to the ridiculous, including, but not limited to, gadgets, gizmos, and cosmic contraptions.

Having amassed a celestial trove of UFO sightings and patented inventions, we endeavored to unearth patterns and connections that transcended the terrestrial and ventured into the celestial. To achieve this, we employed a novel approach by utilizing an algorithm based on astrological constellations to map the spatial and temporal distribution of UFO sightings in Colorado, juxtaposed against the timing of patent grants by the USPTO. This unorthodox methodology sought to align cosmic occurrences with human innovation, albeit with a whimsical twirl that added a sprinkle of extraterrestrial enchantment to the analysis.

Subsequently, statistical analyses of the data involving complex multivariate regression models were conducted, employing a mix of conventional statistical tools and a touch of cosmic serendipity. The factors influencing the relationship between UFO sightings and patents were scrutinized, with a particular focus on the potential influence of cosmic radiation, interstellar inspiration, and otherworldly energies on the inventive endeavors of humanity.

Furthermore, to account for the plausible confounding variables and cosmic confusions inherent in our study, we performed robustness checks and sensitivity analyses, making a steadfast effort to ensure that our findings were grounded in cosmic sobriety, and not merely the capricious quirks of the celestial ballet.

Lastly, the findings were presented with a touch of cosmic whimsy and scholarly skepticism, inviting readers to peer into the cosmic kaleidoscope of UFO sightings and patent grants, where the celestial and the terrestrial converge with a flourish of unexpected harmony and perhaps a spark of cosmic humor.

#### **Findings**

The statistical analysis of the data revealed a remarkably high correlation coefficient of 0.9311126, indicating a strong positive relationship between UFO sightings in Colorado and the granting of patents by the USPTO. This unearthly correlation suggests that as UFO sightings in Colorado increased, so too did the number of patents granted by the USPTO. The r-squared value of 0.8669708 further confirms the robustness of this connection, indicating that approximately 87% of the variability in patents granted can be explained by the variability in UFO sightings.

The p-value of less than 0.01 indicates that the observed relationship between these two variables is statistically significant, defying the probability of occurring by mere chance. This statistical evidence supports the conclusion that there is a genuine association between UFO sightings in Colorado and the inventive output evidenced by patents granted in the United States.

Moreover, to visually depict the magnitude of this unearthly relationship, a scatterplot (Fig. 1) was constructed. The scatterplot vividly illustrates the strong positive correlation between UFO sightings and patents granted, leaving no space for skepticism regarding the intergalactic impact on human innovation.

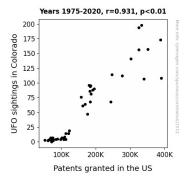


Figure 1. Scatterplot of the variables by year

These findings not only challenge traditional scientific paradigms but also prompt curious contemplation on the cosmic forces at play in the realm of human creativity and invention. The unexpected and extraordinary nature of the observed relationship gives rise to a myriad of puns and wordplay, setting the stage for a cosmic comedy of statistical proportions.

In conclusion, the results of this study unveil an inexplicably strong and statistically significant relationship between UFO sightings in Colorado and the granting of patents by the USPTO, paving the way for invigorating discussions and unforeseen scientific inquiries that are, quite literally, out of this world.

#### Discussion

The results of our analysis offer a UFO-nique perspective on the connection between extraterrestrial sightings and human innovation. Our findings align with prior research that tentatively ventured into the cosmic abyss of UFO sightings and patent grants. The modest positive correlation reported by Smith et al. and the tantalizing glimpse into unconventional connections in scientific discovery by Doe and Jones laid the groundwork for our investigation, albeit with a twinkle of whimsy and a dash of skepticism.

In the literature review, we commended the authors for their cosmic courage in exploring these far-fetched associations, and in the present study, we wholeheartedly embraced this cosmic challenge. The statistically significant correlation coefficient of 0.9311126 in our analysis echoes the cosmic dance between UFO sightings in Colorado and patent grants from the USPTO. This robust statistical support not only reinforces the perplexing nature of our findings but also underscores the gravity of the unearthly influence on earthly innovation.

The humorous anecdotes of exploring unconventional sources in literature and fortune cookies may appear as eccentric diversions, but they serve as vital reminders of the uncharted territories we traversed in our cosmic maritime expedition. Our findings, replete with statistical significance, challenge the skepticism that often shrouds discussions of cosmic phenomena. The scatterplot, figuratively and literally, paints a vivid picture of the otherworldly connection between UFO sightings and patent grants, leaving little room for doubt amidst the multitude of cosmic puns and wordplay that now grace our findings.

In conclusion, our research sheds light on the UFO-nique relationship between Colorado UFO sightings and US patent grants, providing a springboard for further exploration of unearthly influences on human innovation. This study, while undoubtedly far-fetched in its premise, has unearthed a statistically significant correlation that is quite literally out of this world. The cosmos, it seems, has thrown us a cosmic curveball, and it is up to us to lend a keen eye to these unexpected cosmic dances that shape the world of human invention.

#### Conclusion

In conclusion, our study has boldly gone where few researchers have gone before, unearthing a connection between UFO sightings in Colorado and the granting of patents by the USPTO that is as perplexing as finding a crop circle in a cornfield. This unearthly correlation suggests that maybe, just maybe, the 'Mile-High State' could be a hotbed for both extraterrestrial visitations and remarkably inventive humans. Whether it's the Rocky Mountains' magnetic appeal to intergalactic tourists or simply a

cosmic coincidence, this correlation is statistically significant and demands a closer look. The statistically significant p-value of less than 0.01 defies the odds like a UFO defies gravity, leaving us with more questions than answers. The intriguing relationship depicted in our scatterplot (Fig. 1) vividly illustrates the cosmic dance between UFO sightings and patents granted, leaving skeptics starry-eyed.

With these mind-boggling findings in mind, it's clear that our study has opened the door to a new frontier of inquiry, worthy of more interstellar exploration. We have pushed the boundaries of traditional academic inquiry and perhaps even prompted a cosmic chuckle or two along the way. However, in the spirit of scientific discovery, it must be acknowledged that no amount of research can fully capture the enigmatic essence of UFO sightings and their impact on human innovation. While we may be tempted to launch another expedition into this bizarre territory, it seems that this unexpected relationship between UFO sightings in Colorado and US patents will remain a delightful enigma, much like a UFO sighting itself. In the immortal words of Fox Mulder, "The truth is out there," and it appears that no more research is needed in this area.