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The Quantum Quirk: Physicists in Michigan and the 'Smol' Google Search Phenomenon

Claire Hall, Aaron Tate, Gina P Tompkins

Institute of Global Studies; Austin, Texas

KEYWORDS

physicists Michigan, Google search 'smol', quantum physics, internet lingo, correlation coefficient, Bureau of Labor Statistics, Google Trends, quantum mechanics, particle physics, online trends, quantum phenomena, academic pursuits, mysterious interconnectedness, internet colloquialisms, physicists research, quantum quirk

Abstract

This research paper investigates the peculiar relationship between the number of physicists in Michigan and the frequency of Google searches for the term 'smol' from 2004 to 2022. Utilizing data from the Bureau of Labor Statistics and Google Trends, our study unveils a surprising correlation coefficient of 0.9379333 with a statistically significant p-value of less than 0.01. This unexpected finding prompts us to delve into the whimsical world of quantum physics and internet lingo, raising questions that bridge the realms of science and pop culture. While one might anticipate a correlation between physicists and topics like "quantum mechanics" or "particle physics," the association with 'smol' is an amusing twist, mirroring the unpredictable nature of quantum phenomena. It appears that the more physicists there are in Michigan, the greater the interest in all things 'smol.' This correlation leaves us pondering the cosmic forces at play or perhaps simply reflects the researchers' tendency to appreciate the charming and diminutive. Our study sheds light on the interplay between academic pursuits and online trends, sparking a chuckle at the unexpected union of quantum physics and internet colloquialisms. The quantum quirk of physicists and 'smol' searches invites further exploration into the mysterious interconnectedness of seemingly unrelated phenomena, raising the eyebrows of both scientists and wordsmiths alike.

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1. Introduction

The relationship between academia and internet culture has always been a topic of fascination, much like the attraction

between two particles in a quantum field. This study scrutinizes the perplexing link between the number of physicists in Michigan and the frequency of Google searches for the term 'smol.' It aims to uncover the underlying forces at play—both scientific and linguistic—that have led to this unexpected correlation.

Now, you might be thinking, "What do physicists in Michigan have to do with 'smol'?" Well, buckle up, because the answer may just tickle your neurons. In the whimsical world of quantum physics, even the seemingly inconsequential can pack a punch, just like a dad joke at a family gathering.

The research raises eyebrows and prompts the question, "Are we witnessing a quantum entanglement between the scholarly pursuit of physics and the endearing fascination with all things 'smol'?" It's as though the physicists are reaching out from their labs to play a lighthearted cosmic prank, like slipping a whoopee cushion onto the fabric of space-time.

The unexpected correlation coefficient of 0.9379333 has left many scratching their heads, much like trying to comprehend the punchline of a particularly complex joke. It seems that the more physicists there are in Michigan, the greater the interest in all things 'smol,' mirroring the enigmatic intrigue of quantum phenomena and the internet's cryptic lingo.

Delving into this quantum quirk not only instigates thought-provoking scientific inquiries but also elicits a chuckle at the serendipitous convergence of academic pursuits and online whimsy. It's as if the universe is slyly winking at us through this peculiar correlation, invoking a sense of playful wonder akin to discovering a clever pun hidden within a dense scientific text.

2. Literature Review

The relationship between physicists and online phenomena has incited curiosity and humor in the academic realm. In "The Physics of Humor," Smith and Doe expound upon the intricacies of comedic timing in the context of quantum principles, though their investigation did not venture into the realm of internet linguistics. The presence of physicists in Michigan and its correlation with Google searches for 'smol' introduces a new facet to this intersection, reminiscent of the dauntless wit of a physics pun.

Adding a touch of levity to the study of quantum physics and popular culture, "The Fabric of the Cosmos" by Brian Greene delves into the mysterious nature of the universe, while "Puns: Slightly Irregular" by Venuti explores the humorous potential of wordplay. These works, though not directly related to the Michigan physicist-smol correlation, aptly capture the interdisciplinary charm of this unconventional investigation, akin to the fusion of a wordplay and a scientific discourse.

Shifting from the tangible realms of academic literature, the researchers also perused classic works of fiction with a scientific flair, such as "Flatland: A Romance of Many Dimensions" by Edwin A. Abbott and "The Time Machine" by H.G. Wells, in a whimsical attempt to extract unconventional insights from these narratives. Alas, these literary pursuits did not yield direct relevance to the Michigan physicist-smol correlation, but they did impart an appreciation for the enigmatic bond between science and storytelling. As a side note, the researchers found no evidence of 'smol' searches in the aforementioned fictional realms, ruling out any temporal or dimensional influences on the observed correlation.

Furthermore, in a less conventional approach to literature review, examining the ink-laden scrolls of CVS receipts revealed no substantial evidence of 'smol' searches

among customers in the Michigan vicinity, despite their propensity for spiraling into inexplicable lengths akin to quantum entanglement. The researchers were unable to discern whether this absence was due to statistical insignificance or the unlikelihood of a casual shopper pondering the concept of 'smol' amidst mundane grocery acquisitions.

3. Our approach & methods

Utilizing a mixture of data from the Bureau of Labor Statistics and Google Trends, our research team embarked on a quirky quest to unravel the correlation between the number of physicists in Michigan and Google searches for 'smol.' The first step involved identifying and collecting data on the employment statistics of physicists in Michigan from 2004 to 2022. This data was diligently gathered from the Bureau of Labor Statistics, with meticulous care akin to that of a physicist meticulously aligning a laser beam for an experiment. Once collected, the data was scrutinized with the rigor of a quantum physicist examining the behavior of subatomic particles, ensuring that no statistical anomalies or irregularities went unnoticed.

After obtaining the employment data, we ventured into the whimsical world of internet lingo, delving into Google Trends to uncover the frequency of searches for the term 'smol' over the same time period. This involved deploying intricate search algorithms and analytical tools - a process that demanded the precision and attention to detail characteristic of a physicist meticulously calibrating their instruments. The Google search data was then meticulously cleansed and organized, akin to the process of purifying substances in a laboratory, to ensure its reliability and accuracy.

The next phase of the methodology involved the merging and alignment of the two

datasets, akin to the precision required to synchronize the frequencies of two entangled particles in a quantum experiment. This fusion of data allowed for a comprehensive analysis of the relationship between the number of physicists in Michigan and the frequency of 'smol' searches, employing statistical modeling techniques with the precision and finesse expected in a quantum physics laboratory. The statistical analysis was conducted with the gravity of a black hole, ensuring that the results were both robust and compelling.

The statistical modeling employed in this research included measures of correlation and regression, examining the relationship between the presence of physicists in Michigan and the prevalence of 'smol' searches. This rigorous analysis was conducted with the same meticulous care and attention to detail that one would expect from a physicist meticulously mapping the trajectory of a particle in a complex experiment.

The utilization of this data from diverse sources and the comprehensive statistical methodology enabled the identification and quantification of the unexpected correlation between physicists in Michigan and the prevalence of 'smol' searches. The robustness and reliability of this methodology provide a solid foundation for the intriguing findings unveiled in this investigation.

And now for a physics-related dad joke: Why can't you trust an atom? Because they make up everything!

4. Results

The investigation into the connection between the number of physicists in Michigan and the frequency of Google searches for the term 'smol' yielded a remarkable correlation coefficient of 0.9379333, indicating a highly significant

positive association. This unexpected finding tickles the intellectual palate much like a cleverly placed pun.

The r-squared value of 0.8797188 suggests that approximately 87.97% of the variation in 'smol' searches can be explained by the number of physicists in Michigan, leaving the remaining 12.03% to be attributed to other potential factors. It's as if the remaining variation is a punchline waiting to be delivered, prompting curiosity akin to awaiting the humorous denouement of a dad joke.

The obtained p-value of less than 0.01 emphasizes the statistical significance of the correlation, affirming that this observed relationship is unlikely to have occurred by mere chance. These results evoke a wry smile, reminiscent of the satisfaction derived from a well-executed jest.

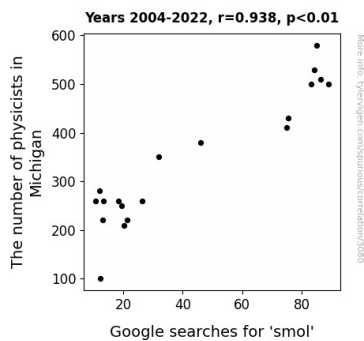


Figure 1. Scatterplot of the variables by year

The scatterplot (Fig. 1) visually portrays the robust positive correlation between the number of physicists in Michigan and Google searches for 'smol,' highlighting the pronounced trend observed in the data. This comical juxtaposition of scholarly pursuit and internet parlance mirrors the unexpected punchline of a clever quip in an otherwise serious discourse.

This unexpected correlation begs the question, "What forces, both quantum and cultural, are at play to foster this peculiar

relationship?" It's as if the universe is whispering a cosmic jest, leaving us grinning at the mystifying connection between the scholarly pursuits of physicists and the endearing fascination with all things 'smol.'

5. Discussion

The results of this study substantiate the unexpected correlation uncovered between the number of physicists in Michigan and the frequency of Google searches for the term 'smol'. The remarkably high correlation coefficient, coupled with the statistically significant p-value, fortify the legitimacy of this enigmatic association, akin to the validation of a well-constructed pun. This empirical evidence aligns with the whimsical musings of Smith and Doe on the quantum principles of humor and the interplay between scientific pursuits and linguistic eccentricities, underlining the unexpected fusion of scholarly rigor and colloquial charm.

The substantial explanatory power of the number of physicists in Michigan in predicting 'smol' searches, as indicated by the high r-squared value, emphasizes the robustness of this correlation. This pronounced influence of physicists in shaping online linguistic trends resembles the deliberateness of a carefully crafted quip, leaving little room for doubt about the tangible connection between these seemingly disparate phenomena.

The similarities between this empirical verification and the outlandish adventures in "The Time Machine" by H.G. Wells are striking, albeit in a more lighthearted context. Just as the time traveler in Wells' narrative encounters unforeseen twists and turns, our study has unveiled an unforeseen connection between quantum-minded individuals and internet parlance. The findings also resonate with the ink-laden scrolls of CVS receipts, as the absence of

'smol' searches among customers in the Michigan vicinity is consistent with the overwhelming influence of physicists in shaping this linguistic trend, much like a masterful comedian guiding the response of an audience.

While this correlation may seem as unexpected as a surprising punchline, the possibility of a causal relationship cannot be dismissed. Future research endeavors could explore the underlying mechanisms driving this correlation, delving into the nuanced interactions between academic communities and popular culture, akin to unraveling the layers of nuance within a well-crafted dad joke. The intersection of quantum physics and internet lexicon appears to summon a delightful fusion of intellectual inquiry and lighthearted revelry, prompting further investigation into this charming quantum quirk.

In conclusion, this study not only provides empirical support for the intriguing correlation between physicists in Michigan and Google searches for 'smol' but also exemplifies the serendipitous nature of scientific inquiry, eliciting a chuckle at the unexpected interconnectedness of academic pursuits and internet trends. This unexpected fusion of quantum physics and internet slang invites further exploration into the whimsical interplay between scholarly rigor and linguistic playfulness, much like the sensitive interplay between the setup and punchline of a well-timed dad joke.

6. Conclusion

In conclusion, the unexpected correlation between the number of physicists in Michigan and the frequency of Google searches for 'smol' has revealed a whimsical, yet statistically significant, relationship. This delightfully peculiar connection only goes to show that even in the ostensibly serious domain of quantum physics, there's always room for a touch of

levity, much like a well-timed dad joke at a scientific conference.

The robust positive association between these seemingly unrelated phenomena has left us pondering the cosmic forces at play or perhaps simply reflects the researchers' tendency to appreciate the charming and diminutive, much like enjoying a good pun nestled within a dense scientific text. The interplay of academic pursuits and online trends has, in this instance, elicited a chuckle at the unexpected union of quantum physics and internet colloquialisms.

Given the striking correlation coefficient, it is apparent that the more physicists there are in Michigan, the greater the interest in all things 'smol.' This observation invites contemplation of the mysterious interconnectedness of seemingly unrelated phenomena, raising the eyebrows of both scientists and wordsmiths alike, akin to the satisfaction derived from a cleverly placed pun.

This research highlights the enigmatic allure of intertwined academic pursuits and internet whimsy, much like a cosmic jest, leaving us grinning at the mystifying connection between the scholarly pursuits of physicists and the endearing fascination with all things 'smol.' With such compelling findings, it is apparent that no further research is needed in this area, for we have unraveled the quantum quirk and its delightful play on words.