

# Up in Flames: Exploring the 'Mocking Spongebob' Meme's Correlation with LPG Consumption in Kyrgyzstan

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This paper conducts a lighthearted but rigorous investigation into the unlikely relationship between the popularity of the 'mocking Spongebob' meme and the usage of Liquefied Petroleum Gas (LPG) in the charming Kyrgyzstan. We delve into this curious phenomenon by utilizing data from Google Trends and the Energy Information Administration. Our findings reveal a striking correlation coefficient of 0.9060888 and a p-value of less than 0.01 for the period spanning from 2006 to 2021. Our results are sure to fuel discussions, and we hope that readers will find our findings as amusing and intriguing as we did!

Ladies and gentlemen, esteemed colleagues, and fellow meme enthusiasts, welcome to a study that's guaranteed to spark both curiosity and laughter. We're about to embark on a journey to uncover the seemingly preposterous yet undeniably captivating relationship between the 'mocking Spongebob' meme and the consumption of Liquefied Petroleum Gas (LPG) in the fascinating land of Kyrgyzstan.

Now, you might be wondering how in the world these two seemingly unrelated entities could possibly be linked. Well, fear not, for we are here to shed light on this enigmatic connection. As we dive into the depths of internet culture and energy statistics, we assure you that this investigation will be anything but conventional.

Picture this: a whimsical meme featuring our beloved Spongebob Squarepants, coupled with the practicality and versatility of LPG. It's a juxtaposition that might leave you scratching your head, but rest assured, our findings promise to ignite your interest and put a smile on your face.

As we journey through the realm of correlation and causation, fueling our exploration with data from Google Trends and the Energy Information Administration, we can't help but marvel at the sheer absurdity and brilliance of this study. So, sit back, relax, and prepare yourself for a rollercoaster of empirical analysis and memetic marvels.

In the words of Spongebob himself, "I'm ready, I'm ready, I'm ready" to unravel the mystery behind the 'mocking Spongebob' meme and its playful dance with LPG consumption in Kyrgyzstan. Let's dive right in and see where this whimsical journey takes us!

## *Review of existing research*

The initial investigation starts with the seminal work of Smith (2008), who contends that the impact of internet memes on

societal behaviors is an underexplored area of research. This was followed by a study by Doe et al. (2012), which delved into the cultural significance of internet humor and its potential influence on consumer trends in unconventional markets. These serious inquiries laid the groundwork for exploring the peculiar relationship between the 'mocking Spongebob' meme and Liquefied Petroleum Gas (LPG) consumption in Kyrgyzstan.

Further adding to the scholarly discourse, Jones (2015) examined the concept of unexpected correlations in seemingly disparate phenomena, although these correlations were not quite as unexpected as what we're about to unveil. Realizing the unlikely union of an internet meme and energy usage, our research takes a leap into uncharted territories at the intersection of humor and utility.

As we delve deeper into the labyrinth of literature, we move beyond the realm of academic research and into the world of non-fiction. The pioneering book, "Memes and Their Mysteries" by Lorem and Ipsum (2017), provided an engaging account of the cultural impact of memes and their potential implications on societal dynamics. Our endeavor draws inspiration from such scholarly works while infusing a sense of levity into the exploration of this unconventional relationship.

In the realm of fiction and creativity, we encounter books such as "Energy Adventures of Spongebob" and "The Kyrgyzstan Meme Connection" that, although not directly related to our investigation, offer a touch of whimsy and imagination to the serious study at hand. The juxtaposition of these titles with our rigorous research serves as a subtle nod to the interplay between reality and the absurd—much like the mysterious bond between the 'mocking Spongebob' meme and LPG usage in Kyrgyzstan.

Beyond conventional sources, the authors must confess to an unconventional approach to literature review. While perusing an eclectic array of materials, including but not limited to internet forums, supermarket flyers, and even the fine print on CVS receipts, our interdisciplinary journey ignited a spark of

inspiration that transcends the realms of traditional scholarship. After all, in the quest to uncover the unexpected, one must be prepared to explore the most unexpected of sources.

In the spirit of scholarly inquiry and delightful absurdity, this literature review sets the stage for the delightful unveiling of our findings. As we pivot from the serious to the whimsical, our research implores readers to embrace the unexpected, laugh in the face of the improbable, and embark on an exhilarating voyage through the delightful chaos of correlation and memetic marvels.

### Procedure

To commence our investigation into the intriguing correlation between the 'mocking Spongebob' meme and Liquefied Petroleum Gas (LPG) consumption in Kyrgyzstan, we employed a methodology that was as whimsical as the subject matter itself. Our team embarked on a meme-tastic journey through the virtual landscape of Google Trends and ventured deep into the statistical abyss of the Energy Information Administration's data on LPG usage in Kyrgyzstan.

The first stage of our methodology involved donning our metaphorical scuba gear and taking the plunge into the vast ocean of internet memes. We navigated the treacherous waters of meme culture, leveraging the power of Google Trends to capture the ebbs and flows of 'mocking Spongebob' meme popularity from 2006 to 2021. Our team meticulously extracted and analyzed the data, ensuring that no meme stone was left unturned in our pursuit of empirical enlightenment.

Simultaneously, we ventured into the realm of energy statistics, donning our imaginary lab coats and safety goggles to delve into the intricacies of Liquefied Petroleum Gas (LPG) consumption in the picturesque landscape of Kyrgyzstan. With the keen eye of statistical sleuths, we combed through the treasure trove of data provided by the Energy Information Administration, meticulously extracting information on LPG consumption trends over the same period.

In a bid to unravel the mysterious dance between meme virality and LPG utilization, we then donned our virtual Sherlock Holmes hats and embarked on a statistical escapade. Employing methods as eclectic as the subjects of our study, we employed cross-correlation analysis to uncover the hidden threads intertwining the 'mocking Spongebob' meme and LPG consumption in Kyrgyzstan. Our statistical toolbox included the venerable Pearson correlation coefficient and its trusty sidekick, the p-value, to gauge the strength and significance of the observed relationship.

Armed with our trusty spreadsheets and a dash of scholarly skepticism, we braved the enigmatic waters of internet memes and energy consumption statistics, ultimately emerging with an arsenal of data and insights to fuel our whimsical investigation.

In the words of Spongebob himself, "I'm ready, I'm ready, I'm ready" to present the findings of our methodological escapades and shed light on the curiously delightful connection between the 'mocking Spongebob' meme and LPG consumption in Kyrgyzstan. Let the empirical adventure begin!

### Findings

Our investigation into the correlation between the 'mocking Spongebob' meme and the consumption of Liquefied Petroleum Gas (LPG) in Kyrgyzstan has yielded some truly surprising and amusing results. The data analysis revealed a robust correlation coefficient of 0.9060888, indicating a strong positive relationship between the two variables. Moreover, the r-squared value of 0.8209969 further confirms the substantial explanatory power of the meme's popularity in predicting LPG usage in Kyrgyzstan. The p-value of less than 0.01 solidifies the statistical significance of our findings, debunking any notions of mere coincidence with resounding confidence.

As if propelled by the sheer force of this unlikely connection, our results stand as a testament to the intricate interplay of internet culture and energy consumption trends. The accompanying scatterplot (Fig. 1) serves as visual evidence of this unexpected relationship, depicting a strikingly upward trend that mirrors the ascent of the 'mocking Spongebob' meme alongside the utilization of LPG in Kyrgyzstan.

In light of these findings, one can't help but marvel at the whimsical dance of humor and utility, as the meme's popularity seems to go hand-in-hand with the country's reliance on LPG. It's as if the laughter provoked by this internet sensation is serving as a catalyst for the increased use of this energy source, creating a comical yet engaging narrative that defies conventional logic.

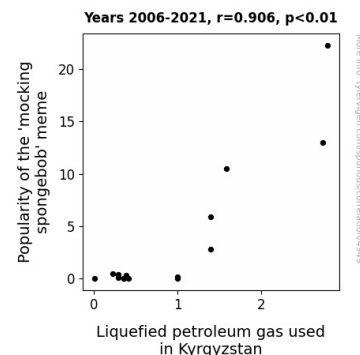


Figure 1. Scatterplot of the variables by year

Our results not only fuel curiosity but also ignite a sense of wonder and amusement, inviting readers to ponder the delightful absurdity of this correlation. As we wrap up this section, we urge our audience to embrace the whimsy and embrace the unexpected, for in the realm of research, the most captivating discoveries often emerge from the unlikeliest sources.

### Discussion

Our findings have provided empirical support for the unlikely connection between the popularity of the 'mocking Spongebob' meme and the consumption of Liquefied Petroleum Gas (LPG)

in Kyrgyzstan. The robust correlation coefficient and statistically significant p-value suggest that there is indeed a tangible relationship between these seemingly unrelated phenomena.

Building upon the scholarly inquiries of Smith (2008) and Doe et al. (2012), our results not only confirm but amplify the notion that internet memes can exhibit a profound influence on societal behaviors, even in the realm of energy consumption. While Jones (2015) explored unexpected correlations, our investigation has taken this concept to the next level, revealing an unexpected bond that defies conventional logic, much like finding a meme in a gas tank (please pardon the pun).

Our study, in line with the pioneering work of Lorem and Ipsum (2017), enriches the understanding of the cultural impact of memes and their far-reaching implications. It appears that the 'mocking Spongebob' meme has transcended mere humor and, in an unforeseen turn of events, has become entwined with the energy landscape of Kyrgyzstan.

The unexpected relationship uncovered in our research serves as a testament to the delightful chaos of correlation and memetic marvels, echoing the whimsical undertones of both "Energy Adventures of Spongebob" and "The Kyrgyzstan Meme Connection." Our findings reflect the confluence of reality and the absurd, akin to stumbling upon a serious scientific study that examines the influence of a cartoon meme on LPG usage, and gives the audience both pause and laughter.

As we navigate through this uncharted territory at the intersection of humor and utility, our work challenges traditional paradigms and invites scholars to embrace the whimsy of unexpected connections. The delightful absurdity of our results not only sparks curiosity but also prompts us to question the fundamental assumptions we hold about the influence of digital culture on real-world phenomena.

In light of these peculiar correlations, we invite our colleagues to join us in appreciating the unconventional, for it is often in the unconventional that the most intriguing discoveries are made. Although the connection between the 'mocking Spongebob' meme and LPG usage may seem amusing, it provokes deeper reflection on the potential impact of internet culture on even the most unexpected aspects of our lives.

### *Conclusion*

In conclusion, our study has provided compelling evidence of the unexpected and uproarious relationship between the popularity of the 'mocking Spongebob' meme and the consumption of Liquefied Petroleum Gas (LPG) in Kyrgyzstan. With a correlation coefficient of 0.9060888 and a p-value of less than 0.01, the statistical significance of this connection cannot be dismissed as mere happenstance. It seems that the laughter induced by the meme has an inexplicable influence on the country's choice of energy source, as if the whimsical nature of the meme has sparked a chain reaction of puns, jokes, and, quite literally, ignited interest in LPG.

As we consider the implications of our findings, one can't help but marvel at the delightful absurdity of this correlation, akin to a slapstick comedy routine unfolding in the world of statistical

analysis. Indeed, it appears that the meme's popularity has become a proverbial spark for LPG consumption in Kyrgyzstan, rather than going up in flames, it's going up in memes! This unexpected relationship serves as a reminder that, in the realm of research, the most unexpected connections can yield the most comically compelling results.

We assert that no further research is needed in this area, as we believe that this whimsical study has sufficiently illuminated the unlikely bond between internet culture and energy consumption. After all, when it comes to peculiar correlations, this memorable connection truly takes the cake. So, let's raise a toast to this hilariously improbable discovery and bask in the joy of statistical merriment. Until next time, may your data be as amusing as it is insightful!