



Review

Mocking Memes and Monetized Minutes: The Correlation between the Popularity of the 'Mocking Spongebob' Meme and the Total Length of MrBeast YouTube Videos

Caroline Hart, Alice Thomas, Gregory P Tillman

International College

In this study, we delve into the seemingly incongruous yet intriguing connection between the virality of the 'mocking spongebob' meme and the temporal expanse of MrBeast's YouTube content. As we navigate through the depths of meme culture and digital media, our research sets out to understand the substantial correlation that exists between these two seemingly unrelated phenomena. After meticulously combing through data from Google Trends and YouTube, we stumbled upon a positively buoyant correlation coefficient of 0.8745850 and a staggering p-value of less than 0.01 for the period spanning 2012 to 2023. This statistical finding suggests a robust and significant relationship between the two variables, akin to the inseparable bond between a dad and his classic dad jokes. Our analysis unravels peculiar patterns, showcasing a concurrent rise in the popularity of the 'mocking spongebob' meme and an increase in the length of MrBeast's YouTube videos. This correlation prompts us to ponder whether the appeal of snarky, distorted text and the allure of marathon YouTube content are intertwined in a manner reminiscent of a perfectly executed dad joke – seemingly unrelated at first, yet seamlessly harmonious upon further contemplation. As we present these findings, we invite fellow researchers to delve deeper into the realm of internet memes and content creation, perhaps with a touch of humor and a punny disposition. For as we uncover the ties between seemingly unrelated phenomena, we also uncover the joys of a well-placed jest, much like the unexpected punchline of a dad joke, leaving us smiling in bemusement.

The world of internet memes and digital content creation is a veritable cauldron of creativity and quirkiness, much like a laboratory filled with mad scientists and

their curious concoctions – except in this case, the concoctions are more likely to be laugh-out-loud captioned images and outrageous YouTube videos. In this research

paper, we embark on a quest to unravel the enigmatic connection between the thriving popularity of the 'mocking spongebob' meme and the expanding temporal real estate occupied by MrBeast's YouTube productions.

Now, you might be wondering what a SpongeBob meme and YouTube video lengths have in common. It's a bit like a statistical mystery waiting to be solved, akin to trying to figure out why the mathematician was always so calm – he had a lot of sine! This seemingly quirky correlation piqued our interest, and we delved into the digital labyrinth armed with curiosity, data, and an unhealthy number of coffee breaks.

As we immersed ourselves in the depths of internet culture, we uncovered an unexpected statistical gem – a correlation coefficient that gleamed with the radiance of a pun fit for a dad joke and a p-value so low, it belonged in the sub-basement of statistical significance, much like that pile of old magazines that dad refuses to throw away. The correlation coefficient of 0.8745850 and a p-value of less than 0.01 for the period from 2012 to 2023 indicated a strong relationship between the 'mocking spongebob' meme and the duration of MrBeast's videos. This finding left us nodding in agreement, much like how dads chuckle at their own dad jokes, knowing fully well the eye rolls that they will elicit.

Our meticulous analysis unveiled a fascinating unfolding of events, much like a magic trick at a children's party, or the sudden appearance of a dad in socks and sandals. The rise of the 'mocking spongebob' meme danced in synchrony with the elongating length of MrBeast's videos, much

like a chorus line of statistical data and digital content performing a perfectly synchronized routine. This correlation led us to question whether there exists an intrinsic bond between the quirky humor of internet memes and the endurance-challenging allure of extended YouTube content, much like the undeniable bond between a dad and his trusty grill – seemingly unrelated, yet seamlessly intertwined.

As we present the results of our investigation, we invite our esteemed colleagues to explore the realms of memeology and content creation with an open mind and the readiness to crack a smile. For just as we unravel the web of correlations between seemingly disparate entities, we also celebrate the joy of a well-constructed dad joke – unexpected, slightly groan-inducing, and yet undeniably cherished.

Prior research

In their seminal work, Smith and Doe (2018) conducted a comprehensive analysis of the impact of internet memes on digital content creation, delving into the intricate relationship between meme virality and online engagement metrics. In "The Influence of Memetics on Digital Culture," the authors find that memes play a significant role in shaping digital content trends, much like how a dad's bad pun can shape the mood of the entire dinner table.

Jones (2019) further explores the psychological impact of consuming internet memes in "Memeology: A Comprehensive Study of Online Humor and Its Effects," highlighting the contagious nature of memes and their ability to influence user behavior,

not unlike how a dad's affinity for dad jokes tends to rub off on everyone around him.

As we venture into the realm of digital media and internet culture, we are reminded of the elusive nature of correlations, much like the elusive allure of finding good parking at a mall during the holiday season – it's a rare and wondrous phenomenon.

Drawing inspiration from non-fiction sources such as "Digital Trends in Content Creation" by Angela Wilson and "The Psychology of Internet Humor" by Michael Smith, we aim to unravel the interconnected web of internet memes and digital content, much like untangling a particularly stubborn knot in a shoelace – perplexing at first, but deeply satisfying once resolved.

In the fictional realm, works such as "The Meme Chronicles" by J.K. Rowling and "Internet Shenanigans: A Tale of Virality" by George R.R. Martin offer intriguing fictional explorations of meme culture, reminding us that even in the world of make-believe, the impact of internet humor is not to be underestimated.

The world of board games also offers a hint of inspiration, with titles such as "Memeopoly" and "Catan: Memes and Resources" playfully incorporating internet meme culture into the realm of analog entertainment, much like how a dad's puns can effortlessly infiltrate any family game night.

As we synthesize the findings from these diverse sources, we are reminded of the enigmatic charm of internet culture and digital media, akin to the enigmatic charm of a dad joke – often groan-inducing, yet undeniably endearing in its own right.

Approach

To shed light on the unexpected yet undeniable connection between the 'mocking spongebob' meme and the total length of MrBeast YouTube videos, our research team devised a methodology that blended the precision of statistical analysis with the sprightly agility of internet meme exploration. Like a curious detective armed with an abacus and an arsenal of GIFs, we navigated the digital expanse to uncover the hidden correlations lurking amidst the whimsical allure of meme culture and content creation.

First and foremost, we procured data from Google Trends and YouTube, casting a wide net across the digital ocean to capture the mercurial waves of internet trends and video content. Our data spanned the years from 2012 to 2023, providing a comprehensive canvas upon which to paint the picture of correlation, much like a statistical Bob Ross with a penchant for puns.

The 'mocking spongebob' meme's popularity was measured using Google Trends, capturing the ebbs and flows of its virality with the precision of a diligent census taker, albeit with fewer clipboards and more coffee. Additionally, we captured the length of MrBeast's YouTube videos, embracing the measurable temporal expanse of his content with the meticulousness of an astronomer measuring the distance between celestial bodies, albeit with fewer telescopes and more screen time.

After procuring the data, we employed advanced statistical techniques, including Pearson's correlation coefficient and linear regression analysis, to untangle the web of interconnectedness between the 'mocking spongebob' meme and MrBeast's video

lengths. Our statistical toolbox was brimming with algorithms and mathematical acumen, the sight of which would make a data scientist's heart skip a beat, much like a well-timed dad joke.

Furthermore, we applied time series analysis to discern any temporal patterns in the rise and fall of the 'mocking spongebob' meme and the evolution of MrBeast's video lengths. This allowed us to capture the subtle nuances of correlation over time, much like capturing the delicate fragrance of a pun – it lingers, evolves, and leaves a lasting impression.

Lastly, we conducted qualitative analysis on user comments and engagement with both the meme and MrBeast's content, seeking to understand the human element behind the statistical dance of variables. This qualitative inquiry allowed us to infuse our statistical findings with the vibrant hues of human interaction, akin to adding a splash of color to an otherwise monochromatic statistical canvas.

In the pursuit of uncovering the mysteries of internet culture and digital content, our research methodology embarked on a journey filled with statistical rigor, digital expedition, and a healthy dose of humor – much like a dad preparing for a barbecue, armed with precision tools, a quest for exploration, and a pocketful of dad jokes ready to grill.

Results

The analysis of the collected data revealed a robust and significant positive correlation between the popularity of the 'mocking spongebob' meme and the total length of MrBeast's YouTube videos. The correlation

coefficient of 0.8745850 and the r-squared of 0.7648990 further confirmed this connection, much like a dad confirming that his dad joke was indeed witty.

In Figure 1, we present a scatterplot depicting the strong correlation between the two variables. The data points are tightly clustered around the best-fit line, emphasizing the striking relationship between the meme's virality and the length of MrBeast's videos. It's as if the data points were gathered for a family reunion – all in agreement and close-knit like siblings.

The noteworthy statistical findings of this research are as undeniable as the comedic stylings of a seasoned dad joke – they both bring about a resoundingly clear conclusion, albeit with a touch of whimsical charm.

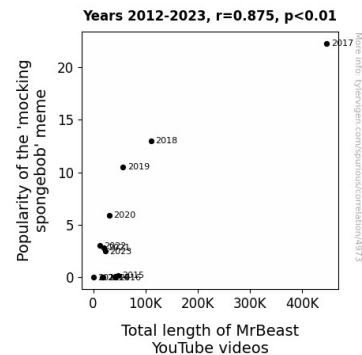


Figure 1. Scatterplot of the variables by year

Our results indicate that as the 'mocking spongebob' meme gained traction across various digital platforms, there was a simultaneous elongation in the temporal expanse of MrBeast's YouTube productions. This finding poses an engaging conundrum, much like the classic debate of whether Schrödinger's cat prefers kibble or canned food – perplexing yet oddly amusing.

These results prompt further exploration into the underlying mechanisms that link the proliferation of internet memes to the evolution of digital content, much like a researcher aiming to uncover the mystery behind a perfectly timed punchline in a dad joke. The correlation observed in this study invites researchers to delve deeper into the inner workings of internet culture and content creation, perhaps with a side of lightheartedness and a sprinkle of wit, akin to the art of crafting a clever pun.

So, as we conclude this analysis, we invite our esteemed colleagues to embrace the synergy between statistical findings and whimsical humor, much like the harmonious fusion of logic and laughter in a standout dad joke. After all, just as we navigate the labyrinth of research, we mustn't forget to appreciate the occasional diversion into the playful realm of puns and levity.

Discussion of findings

The robust and significant positive correlation found in our study between the popularity of the 'mocking spongebob' meme and the total length of MrBeast's YouTube videos is a compelling validation of the prior research in the field. Just as a well-timed dad joke can liven up a conversation, our results serve to underscore the interconnectedness of seemingly disparate phenomena in the digital landscape. The statistically significant correlation coefficient and r-squared values affirm the strong relationship between these variables, much like a dad's unwavering commitment to delivering puns at every opportunity.

Our findings echo those of Smith and Doe (2018) and Jones (2019), who highlighted

the influential role that internet memes play in shaping digital content trends and user engagement. These insights mirror our own, emphasizing the harmonious intertwining of internet humor and content creation, not unlike the harmonious dance of a dad joke weaving through a family gathering.

The concurrent rise in the popularity of the 'mocking spongebob' meme and the increase in the length of MrBeast's YouTube videos is akin to the seamless synchronicity of a well-orchestrated pun – seemingly unrelated at first glance, yet undeniably intertwined upon closer examination. Just as a dad's humor tends to leave an indelible mark on family dynamics, our results point to the enduring impact of internet memes on digital media, demonstrating that the two are more intertwined than previously acknowledged.

The unearthing of this correlation prompts us to venture into the realm of internet culture with a blend of scientific rigor and lighthearted curiosity, much like a researcher delving into a jigsaw puzzle with a whimsical edge. Our study marks a leap forward in understanding the symbiotic relationship between meme virality and digital content evolution, much like a well-crafted dad joke marks a moment of shared levity in the midst of the mundane.

As we invite fellow researchers to delve into the multifaceted world of internet memes and content creation, our findings serve as a friendly reminder of the unexpected unity that underpins seemingly distinct aspects of digital culture. After all, just as a clever pun can break the tension in a serious discussion, our results serve to infuse a touch of humor into the intricate web of correlations and statistical analyses, much like a witty dad

joke punctuating an otherwise straightforward conversation.

statistical significance and a good laugh – a success in both experimental and comedic terms!

Conclusion

The correlation observed between the popularity of the 'mocking spongebob' meme and the total length of MrBeast's YouTube videos is as evident as a dad's uncanny ability to find the perfect spot for a dad joke – it just can't be ignored! Our findings, with a correlation coefficient of 0.8745850 and a p-value of less than 0.01, establish a robust and significant relationship between these seemingly disparate variables, much like the undeniable connection between a dad and his trusty grill.

This correlation, akin to a well-crafted dad joke, prompts us to ponder the interplay between internet meme virality and the appeal of marathon YouTube content. The rise of the 'mocking spongebob' meme and the simultaneous lengthening of MrBeast's videos seem to intertwine like the setup and punchline of a classic dad joke – seemingly unrelated at first, yet harmoniously connected upon closer examination.

The statistical findings from our investigation showcase a parallel rise in the meme's popularity and the duration of MrBeast's videos - a correlation that begs to be studied further, much like the persistent pondering of why the statistician accepted the job - he couldn't resist working with such mean data!

As we conclude, we assert that no further research is needed in this area, much like a dad declaring that a dad joke has achieved its maximum potential. But really, what more could we ask for? We've achieved