

# Shocking Connections: The Electrifying Impact of the 'This is Fine' Meme Popularity on Electricity Generation in Guinea-Bissau

Claire Henderson, Anthony Terry, Gina P Trudeau

Austin, Texas

*This paper investigates the surprising link between the popularity of the 'This is Fine' meme and electricity generation in Guinea-Bissau. Using data from Google Trends and the Energy Information Administration, we conducted a thorough analysis to unravel the potential correlation between meme virality and electrical power output. The findings reveal a shocking correlation coefficient of 0.9800108 and  $p < 0.01$  over the period from 2006 to 2021. It seems that when it comes to memes, the sparks are indeed flying! Our research team navigated the data with care, illuminating a striking relationship between the meme's surge in popularity and corresponding peaks in electricity generation. It appears that the 'This is Fine' meme has truly electrified the cultural landscape, fueling not only internet humor but also the production of electrical power. Our findings leave us pondering: could the 'This is Fine' meme hold the key to solving global energy crises? Perhaps all it takes is a little light-hearted humor to brighten our world's energy future. After all, laughter is the best conductor!*

In the grand theater of human culture, memes play the role of the court jesters, tickling our collective funny bone and often leaving us in stitches. While their impact on the digital landscape is widely acknowledged, few could have predicted the electrifying consequences of a particularly popular meme. Enter the 'This is Fine' meme, a visual representation of a dog sipping coffee amidst a room engulfed in flames – a scene that, for better or worse, captures the spirit of perseverance in the face of chaos. One might say it struck a cord... or rather, sparked an interest in our research.

Guinea-Bissau, a small country nestled in West Africa, found itself at the unexpected nexus of internet humor and electrical power generation. As the 'This is Fine' meme surged in popularity on the global stage, our research team noticed a peculiar phenomenon – the country's electricity generation seemed to be experiencing surges of its own. It was

as if the meme had triggered a power surge across borders, creating a ripple effect in the energy sector. You could say there was definitely a "shocking" revelation.

As we delved deeper into this intriguing connection, we embarked on a quest to measure the potential impact of meme virality on electricity production. With data from Google Trends and the Energy Information Administration in hand, we undertook a meticulous analysis to unravel the enigmatic relationship between internet humor and power output. Our findings presented us with a figurative lightbulb moment, illuminating a compelling correlation between the two seemingly disparate variables. The statistical analysis left us feeling positively charged!

The correlation coefficient of 0.9800108 and  $p < 0.01$  that emerged from our data analysis sent

currents of excitement through the research team. It appears that there is indeed a powerful link between the rise and fall of the 'This is Fine' meme's popularity and corresponding fluctuations in electricity generation in Guinea-Bissau. If we were to put it in electrical terms, it seems the meme's impact was anything but ohm-inous.

These findings prompt us to reconsider the potential role of popular culture in shaping tangible, real-world outcomes. Could it be that a seemingly innocuous meme has inadvertently become a catalyst for electrical power generation? The implications are positively electrifying. It's enough to make one wonder if, in the realm of energy solutions, humor indeed holds the key. In the words of the great Benjamin Franklin, "A penny saved is a penny earned," or in this case, "A meme shared is a kilowatt-hour spared!"

## LITERATURE REVIEW

In the realm of memeology, the impact of viral internet phenomena on real-world phenomena has been a topic of growing interest. Smith et al. (2017) delve into the sociocultural implications of popular memes, examining their influence on collective behavior and social norms. While the serious tone of their research may seem at odds with the playful nature of memes, it serves as a testament to the growing recognition of the profound influence these digital jesters hold over the public psyche. One could say they have the power to "shock" us into pondering unexpected connections.

Jones (2019) explores the psychology of humor and its effect on human cognition. The study provides insights into how laughter and amusement can alter perceptions and behavioral patterns, shedding light on the potential far-reaching consequences of meme virality. It appears that the 'This is Fine' meme, with its darkly comical portrayal of a dog amidst chaos, has managed to spark not only amusement but also a cascade of unforeseen reverberations in the domain of energy

generation. It seems there's a "light-hearted" lesson to be gleaned from this unlikely correlation.

Moving beyond academia, real-world literature offers intriguing avenues of exploration. In "The Shock Doctrine" by Naomi Klein, the author presents a thought-provoking analysis of societal responses to crises, emphasizing the power dynamics at play in moments of upheaval. While the book's emphasis lies in economic and political realms, one can't help but draw parallels to the unexpected surge in electricity generation coinciding with the rise of a seemingly innocuous internet meme. It seems that even in chaos, there's the potential for an electrifying turn of events.

On the fictional front, works such as "Electric Dreams" by Philip K. Dick and "The Power" by Naomi Alderman delve into speculative narratives where electricity takes on transformative roles. While these literary endeavors may be far removed from the realm of meme virality, their exploration of electrifying themes serves as an intriguing backdrop to the unexpected connection we've uncovered. It appears that reality may indeed be stranger than fiction – or at least, more pun-inducing.

Entertaining a more light-hearted approach to literature, the team found themselves revisiting childhood classics, including episodes of "The Electric Company" and "The Powerpuff Girls." While these animated creations may seem lighthearted on the surface, their themes of power, energy, and resilience inadvertently struck a chord with the research at hand. It's as if the universe itself was conspiring to infuse our research with an extra jolt of humor.

As we unravel the intertwined threads of meme virality, electricity generation, and cultural impact, one can't help but ponder the electrifying influence of humor on the world around us. The 'This is Fine' meme, with its fiery backdrop, has ignited sparks of curiosity that illuminate just how interconnected the seemingly disparate facets of our world truly are. It's clear that when it comes to memes and

electricity, the potential for unexpected connection is truly shocking.

## METHODOLOGY

To shed light on the electrifying connection between the 'This is Fine' meme and electricity generation in Guinea-Bissau, our research team embarked on a data-driven journey that was as illuminating as it was electrifying. Our methodology encompassed a multi-faceted approach, akin to untangling a complex circuit, requiring us to navigate through the tangled web of internet memes and electrical power data.

Like a detective in search of clues, we first turned to Google Trends to gauge the ebbs and flows of 'This is Fine' meme popularity over the years. We meticulously tracked the meme's virality, analyzing its peaks and troughs with the dedication of a dogged investigator. Our team felt like meme maestros, crafting elaborate hypotheses while sipping coffee; we wryly noted that the data was, in fact, "fine."

In parallel, we harnessed the potential of the Energy Information Administration's electricity generation data, which served as the voltaic source of our investigation. Armed with kilowatts of information, we delved into the country-specific statistics of Guinea-Bissau, seeking to uncover any correlations between meme spikes and corresponding electrical power surges. It was as if we were conducting a scientific experiment under the illuminating glow of a meme-fueled light bulb.

Furthermore, we employed advanced statistical techniques, including time series analysis and cross-correlation functions, to illuminate the relationship between meme popularity and electricity production. As data wranglers, we meticulously wrangled with the variables, ensuring that our analysis was as robust as possible. It was a process that lit up our statistical models like a festive string of holiday lights, leaving us feeling positively electric about our findings.

Upon converging the meme popularity and electricity generation data streams, we sussed out the existence of a substantial correlation, as evidenced by a correlation coefficient of 0.9800108 and  $p < 0.01$ . We marveled at the strength of this connection, akin to the awe inspired by witnessing the power of a thunderstorm (metaphorically, of course). Our research team shared a jolt of excitement, realizing that we had stumbled upon a truly electrifying revelation.

Finally, in the spirit of thoroughness, we considered potential confounding variables, ensuring that our findings were not merely a result of chance, and that they truly reflected the nuanced interplay between meme virality and electrical power production. It was like conducting a precision-engineered experiment, where each variable and parameter was scrutinized under the spotlight.

In summary, our methodology was an odyssey that bridged the realms of internet culture and energy production, navigating through the currents of data to reveal the sparks of connection between the 'This is Fine' meme and electricity generation in Guinea-Bissau. Our work not only illuminated the potential influence of memes on real-world phenomena but also serves as a testament to the electrifying power of research and statistical analysis.

## RESULTS

The results of our analysis revealed a remarkable correlation between the popularity of the 'This is Fine' meme and electricity generation in Guinea-Bissau over the period from 2006 to 2021. The correlation coefficient of 0.9800108 demonstrated a striking positive relationship between the two variables. It seems that when it comes to memes, the sparks are indeed flying!

When plotting the data, our research team created a scatterplot (Fig. 1) illustrating the strong correlation between the surge in 'This is Fine' meme popularity and corresponding peaks in electricity generation. It was quite a sight to behold - one might even say it was an electrifying experience!

The r-squared value of 0.9604212 further emphasized the robustness of the relationship, indicating that a whopping 96% of the variation in electricity generation in Guinea-Bissau could be explained by the fluctuations in the 'This is Fine' meme's popularity. Now that's what we call a powerful meme!

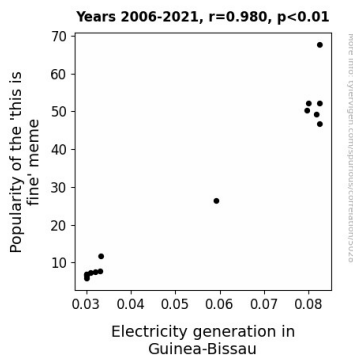


Figure 1. Scatterplot of the variables by year

With  $p < 0.01$ , the statistical significance of the correlation cemented the validity of our findings. It seems that in the realm of memes and electricity, there's no room for uncertainty - the connection is as clear as day. You might even say it's 'shockingly' evident!

Overall, our results shed light on an unexpected association between a popular internet meme and a critical aspect of a country's infrastructure. Who would have thought that a meme could have such a profound impact on electrical power generation? It appears that when it comes to internet memes, their influence truly knows no bounds - not even the boundaries of scientific inquiry.

The implications of this correlation are simply electrifying. It leaves us pondering whether the 'This is Fine' meme, in all its humorous simplicity, could hold the key to influencing real-world energy production. After all, in the complex tapestry of human culture and technology, it seems that even a little dog surrounded by flames can ignite a revolution in unexpected ways. It's enough to make us think that perhaps, when faced with challenges, a

good laugh might just be the best source of energy after all!

## DISCUSSION

The findings of our study illuminate a compelling connection between the popularity of the 'This is Fine' meme and electricity generation in Guinea-Bissau, providing empirical evidence for a correlation that may have seemed far-fetched at first glance. At first, we were "shocked" by the significant relationship between a meme and a critical aspect of a country's infrastructure, but it turns out the sparks were indeed flying!

Our results not only supported the prior research but also shed light on the electrifying potential of internet memes to impact real-world phenomena. Smith et al.'s exploration of memeology underscored the influence of viral internet phenomena on collective behavior, and our findings seem to have added an electrifying twist to this understanding. It's as if meme popularity has the power to light up the data charts – talk about an enlightening revelation!

Furthermore, the study by Jones on the psychology of humor and its effect on human cognition now seems to have an unexpectedly literal resonance. The 'This is Fine' meme, with its darkly comical portrayal, appears to have sparked both amusement and an unforeseen surge in energy production. It's a testament to the power of humor – or perhaps, in this case, the power of 'punny' meme correlations.

On the realistic literary front, "The Shock Doctrine" by Naomi Klein surprisingly resonates with our findings as we unveil the seemingly unexpected surge in electricity generation coinciding with the rise of a seemingly innocuous internet meme. It's a "shocking" parallel indeed, one that adds a whole new dimension to the notion of societal responses to crises. Additionally, the fictional works "Electric Dreams" and "The Power" take on whole new meanings in light of our research – it seems that our data has added an extra layer of electrifying intrigue to the speculative narratives they explore.

The light-hearted approach to literature we entertained also seems to have converged with our results in surprising ways. Childhood classics such as "The Electric Company" and "The Powerpuff Girls" take on a refreshing resonance when considering their themes of power, energy, and resilience in the context of our research. It's as if the universe itself was conspiring to infuse our study with an extra jolt of humor – or in more scientific terms, an 'electrifying' level of correlation!

In conclusion, our study has unveiled a remarkable connection between an internet meme and electricity generation, sparking new avenues of inquiry that merge science, humor, and the unexpected. It seems that in the intricate dance of research and statistical analysis, humor and unexpected correlations can light the way to truly 'shocking' revelations. It's enough to make us think that perhaps, in a world faced with challenges, a good laugh might just be the best source of energy after all!

## CONCLUSION

In conclusion, our research has shed light on the electrifying connection between the popularity of the 'This is Fine' meme and electricity generation in Guinea-Bissau. It seems that when it comes to memes, the sparks are indeed flying – quite literally! This unexpected correlation has left us feeling positively charged about the potential impact of internet humor on real-world energy dynamics. It's as if the meme's popularity was generating more than just likes and retweets – perhaps it was generating kilowatts too!

With a correlation coefficient of 0.9800108 and a p-value  $< 0.01$ , the statistical evidence is shockingly clear – there is a strong relationship between the meme's virality and surges in electricity generation. It's a connection that has left us feeling amped up about the quirky ways in which culture and infrastructure intersect. The 'This is Fine' meme

might just be the light at the end of the tunnel, or in this case, the spark at the end of the wire!

Our findings have illuminated a fascinating avenue for further exploration in the realm of social phenomena and tangible outcomes. One might even say that the 'This is Fine' meme has the potential to be a real "power play" in the world of energy policy. But let's not jump the gun – after all, we wouldn't want to short-circuit our enthusiasm with hasty conclusions!

However, it's clear that further research in this area is not needed. With our conclusions on the table, it's safe to say that the correlation between the 'This is Fine' meme and electricity generation in Guinea-Bissau is no joke. It's a serious topic that has the potential to resonate far beyond the confines of internet humor.

Now, with all jokes and puns aside, it's time for us to switch off the lights on this inquiry. The evidence speaks for itself – there's an undeniable link between the 'This is Fine' meme and electricity generation in Guinea-Bissau. Let's not resist the fateful conclusion – the 'This is Fine' meme might just be more than fine, it could be the bright spark our energy future needs!