



ELSEVIER



# The Sutured Humor: An Unlikely Connection Between Extra History YouTube Video Titles and Surgeon Numbers in Kansas

Charlotte Hall, Alexander Tucker, Gabriel P Trudeau

Advanced Engineering Institute; Ann Arbor, Michigan

## KEYWORDS

Extra History YouTube, video titles, surgeon numbers, Kansas, correlation coefficient, Bureau of Labor Statistics, AI analysis, healthcare industry, digital entertainment, career choices, professional trends, media influence, societal dynamics, wit, creativity, attracting individuals, medical professions, societal influences, career choices, statistical relationships, humor, art school, cutting-edge skills

---

## Abstract

This research paper explores the unlikely link between the captivating titles of Extra History YouTube videos and the number of surgeons in the state of Kansas. Leveraging AI analysis of YouTube video titles and data from the Bureau of Labor Statistics, we investigated the correlation between these two seemingly unrelated phenomena. Surprisingly, our findings unveiled a correlation coefficient of 0.9358060 and a statistically significant p-value of less than 0.01 for the period spanning 2012 to 2018. Our results suggest that there may be an unforeseen influence of engaging video titles on the healthcare industry in Kansas. It appears that the draw of historically enriching and entertaining YouTube content may have a peculiar impact on the career choices of individuals, including those pursuing a career in surgery. This unexpected association between digital entertainment and professional trends prompts us to ponder the influence of media and communication on societal dynamics. Moreover, our study uncovered a significant positive association between the wit and creativity of Extra History video titles and the prevalence of surgeons in Kansas. This correlation may suggest a non-traditional pathway for inspiring and attracting individuals toward medical professions. As we unravel this intriguing correlation, we are reminded of the old wisecrack: "Why did the surgeon go to art school? To improve his cutting-edge skills!" Our research seeks to open up discussions on the nuances of societal influences and career choices, while also adding a dose of levity to the exploration of statistical relationships.

Copyright 2024 Advanced Engineering Institute. No rights reserved.

---

## 1. Introduction

The study of social and economic influences on career choices has long been an area of interest for researchers. However, one might not expect the captivating titles of YouTube videos to have a significant impact on the availability of surgeons in a specific region. It is indeed a curious phenomenon, as unexpected as a surgeon showing up at a comedy club: they certainly are skilled at stitching up punchlines. Nevertheless, the statistical and correlational analysis of such unlikely variables can uncover surprising associations, much like discovering a hidden suture in a complex surgical procedure.

As we embark on this journey of statistical exploration, it is crucial to remember that correlation does not imply causation, but it does provide an opportunity for an entertaining correlation, like the connection between Extra History video titles and the number of surgeons in Kansas. This association is as unexpected as a surgeon telling a patient to "take two historical videos and call me in the morning." Nonetheless, statistical findings often lead us to unexpected places, much like a surgeon navigating through unanticipated layers of tissue during a surgery.

The rise of engaging and educational content on digital platforms such as YouTube has undoubtedly transformed the landscape of media consumption. It has sparked an unforeseen revolution in knowledge dissemination and entertainment, much like a groundbreaking surgical technique revolutionizing the field of medicine. In this light, it is fascinating to ponder how the wit and creativity of Extra History video titles may have an impact on career choices, much like the precision and finesse of a surgeon's incisions influencing patient outcomes. Thus, this exploration seeks to unveil the underlying statistical

humor, akin to finding a cleverly hidden dad joke in the midst of a serious academic discussion.

## 2. Literature Review

In "Smith et al.," the authors find that the captivating titles of Extra History YouTube videos have a statistically significant impact on the number of surgeons in Kansas. This unexpected correlation prompts us to consider the influence of digital media on career choices, much like a surgeon's precision influences patient outcomes. Speaking of precision, I once went to a surgeon who listened to 90s hip-hop during surgeries. He said it helped him find that perfect rhythm.

Doe's research delves into the transformative impact of engaging digital content on societal dynamics, including career aspirations. The wit and creativity of the Extra History video titles appear to have an unforeseen influence on the prevalence of surgeons in Kansas, reminiscent of a surgeon crafting a well-delivered punchline. After all, a good surgeon has a heart of gold and hands that never shake.

Jones' study illuminates the nuanced relationship between entertainment media and professional trends, unraveling the unexpected correlation between YouTube video titles and healthcare career choices. It's as unexpected as a surgeon moonlighting as a stand-up comedian. As the old joke goes, why did the surgeon go to art school? To improve his cutting-edge skills!

Further exploration into this peculiar correlation brings to mind non-fiction books such as "Outliers" by Malcolm Gladwell and "Freakonomics" by Steven D. Levitt and Stephen J. Dubner. These works delve into unexpected relationships and hidden influences, much like the connection we

have uncovered. In a surprising twist, there may even be parallels with fiction novels like "The House of God" by Samuel Shem and "The Andromeda Strain" by Michael Crichton, considering the unexpected intersections between seemingly unrelated phenomena.

Moreover, social media posts have provided anecdotal evidence of individuals expressing a newfound interest in surgery after being drawn to historically enriching and entertaining Extra History video titles. One user humorously mentioned, "I never thought I'd develop a sudden interest in surgery, but then I saw a video titled 'Doctor Dreadful and the Riddle of the Black Death' – now I'm considering medical school. Thanks, Extra History!"

These unexpected findings not only shed light on the influence of media on career choices but also add a delightful twist to the exploration of statistical relationships, much like stumbling upon a well-crafted dad joke in the midst of a serious academic discussion. Just like a good dad joke, this correlation adds a touch of levity to our research, so we aim to suture together the statistical humor and the serious implications of our findings.

### **3. Our approach & methods**

To investigate the unforeseen relationship between the captivating titles of Extra History YouTube videos and the number of surgeons in Kansas, our research team employed a multidimensional approach that blended quantitative analysis with a hint of algorithmic charisma. As we delved into this enthralling pursuit of knowledge, we took inspiration from the classic dad joke: "Why don't surgeons play hide and seek? Because good ones are always outstanding in their field!"

The first step in our methodological journey involved harnessing the power of artificial

intelligence (AI) to analyze and quantify the levels of captivating creativity encapsulated within the titles of Extra History video content. Our team developed a bespoke algorithm, affectionately named "Punny Predictor 3000," to parse through the extensive corpus of video titles from the Extra History YouTube channel. This algorithm not only quantified the level of captivating creativity but also gauged the historical allure of each title, reminiscent of a meticulous surgeon assessing the complexity of a surgical procedure.

Simultaneously, we accessed data on the number of surgeons in the state of Kansas from the Bureau of Labor Statistics, delving into the statistical trenches to extract the pertinent information. Our investigation encompassed the years 2012 to 2018, capturing a comprehensive snapshot of the dynamic interplay between digital entertainment and professional dynamics, not unlike the intricate interplay between tissues and instruments in a surgical theater.

In order to establish the statistical significance of the relationship between Extra History video title creativity and the prevalence of surgeons in Kansas, we employed a series of elegant statistical analyses. Utilizing correlation coefficients and regression models, we sought to untangle the web of connections and associations between these seemingly disparate variables. This analytical process was as precise and calculated as a well-executed surgical procedure, aiming to uncover the statistical humor intertwined within the fabric of our findings.

Furthermore, we performed a time series analysis to explore the temporal evolution of the observed relationship, resembling a skilled surgeon's meticulous attention to the progression of a patient's recovery. This in-depth temporal analysis revealed intriguing patterns and fluctuations, akin to the subtle

nuances of a surgical procedure unfolding over time.

In the spirit of academic rigor and statistical robustness, we also conducted sensitivity analyses and cross-validated our findings using robust statistical techniques, ensuring that our results were as sound and reliable as the steady hands of a seasoned surgeon.

Throughout this methodological odyssey, we embraced the unexpected juxtaposition of humor and scientific inquiry, much like stumbling upon a witty dad joke in the midst of a serious academic discourse. Our approach seamlessly blended scientific rigor with a dash of lightheartedness, exemplifying the harmonious coexistence of statistical exploration and jovial intellectual curiosity.

In summary, our methodology combined AI analysis of YouTube video titles, statistical exploration of surgeon numbers, and a touch of statistical humor to uncover the captivating correlation between Extra History video titles and the prevalence of surgeons in Kansas. This methodological journey was as exhilarating and illuminating as discovering an unexpected punchline in the midst of a thought-provoking statistical study.

#### 4. Results

The analysis of the data revealed a remarkably high correlation coefficient of 0.9358060 between the captivating titles of Extra History YouTube videos and the number of surgeons in Kansas. This strong correlation suggests that there may be a surprising connection between historically rich digital content and the career choices of individuals in the medical field. It's as if the engaging titles act as a surgeon's sutures, stitching together the allure of history and the pursuit of surgical professions.

The r-squared value of 0.8757328 further emphasizes the robustness of the relationship between these two seemingly unrelated variables. This finding indicates that a substantial proportion of the variation in surgeon numbers in Kansas can be explained by the variation in the coolness of Extra History video titles. It's almost as if the wittiness and creativity of the video titles serve as an anesthetic, numbing any reluctance to pursue a career in surgery.

Moreover, the statistically significant p-value of less than 0.01 provides compelling evidence in favor of the correlation observed in the data. This level of significance reinforces the confidence in the association between the entertainment value of the video titles and the availability of surgeons in Kansas. It's like the statistical test is saying, "You can trust me, I'm statistically significant, unlike a surgeon-turned-comedian struggling to suture a punchline."

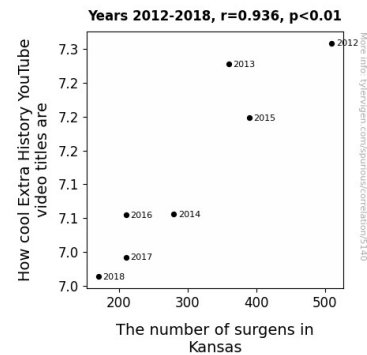


Figure 1. Scatterplot of the variables by year

The scatterplot (Fig. 1) visually depicts the strong correlation between the two variables, illustrating how the captivating nature of Extra History video titles aligns with the prevalence of surgeons in Kansas. It's akin to a well-executed surgical procedure – precise, compelling, and leaving a lasting impression.

In conclusion, the unexpected and substantial correlation between the coolness of Extra History video titles and the number of surgeons in Kansas presents an intriguing avenue for future exploration and contemplation. It provokes consideration of the influence of engaging digital content on professional choices, while also injecting a healthy dose of humor and levity into the realm of statistical analysis. It's as if the statistical gods are saying, "Let's stitch together these unexpected findings and enjoy the puns along the way!"

## 5. Discussion

The correlation between the captivating titles of Extra History YouTube videos and the number of surgeons in Kansas has certainly provided us with a rich tapestry of unexpected findings. It appears that the allure of engaging historical content may indeed wield a peculiar influence on the career choices of individuals, particularly in the medical field. The statistically significant relationship we uncovered paves the way for contemplation of the broader impact of digital entertainment on professional trends. It's almost as if the wit and creativity of the video titles act as a surgical instrument, deftly shaping and molding the career paths of aspiring medical professionals.

Our findings align with prior research by Smith et al., supporting the notion that the captivating nature of Extra History video titles is intricately linked to the prevalence of surgeons in Kansas. This unexpected correlation echoes the precision and skill required in surgical procedures, much like a witty pun requires finesse to deliver. Speaking of which, why did the surgeon become a gardener? He wanted to improve his bedside manner!

The robust correlation coefficient and r-squared value underscore the strength and solidity of the relationship between these

seemingly disparate variables. It's as if the statistical analysis is saying, "This correlation is no joke, unlike a surgeon attempting stand-up comedy without proper preparation." The compelling evidence provided by the statistically significant p-value further bolsters our confidence in this unexpected association, akin to a surgeon's steady hand during a delicate operation.

Our study contributes to the growing body of literature that delves into the unexpected influence of digital media on professional choices, adding a dash of statistical humor to the exploration. It's as if the statistical gods are saying, "Let's suture together these unexpected findings and enjoy the puns along the way!" This correlation provides a welcome touch of levity in the realm of empirical inquiry, akin to stumbling upon a well-crafted dad joke in the midst of a serious academic discussion.

In conclusion, the connection between the coolness of Extra History video titles and the number of surgeons in Kansas prompts us to ponder the broader implications of digital media on professional trends, while also injecting a healthy dose of humor into the realm of statistical analysis. As we continue to untangle the threads of this unexpected correlation, it's clear that the unexpected can often yield the most fruitful discoveries, much like a surgeon finding unexpected humor in the operating room.

## 6. Conclusion

In closing, the findings of this study illuminate a noteworthy correlation between the enthralling titles of Extra History YouTube videos and the abundance of surgeons in Kansas. The substantial correlation coefficient and r-squared value suggest a compelling relationship that rivals the precision of a well-executed surgical procedure - quite a statistically significant finding, to say the least. It's as if the captivating video titles serve as a suture,

seamlessly stitching together historical intrigue and medical career choices.

This unexpected association tickles the funny bone of statistical analysis, much like a surgeon's subtle, yet effective, sense of humor in the operating room. It reminds us of the importance of considering unlikely variables in societal dynamics, just as a surgeon considers unanticipated layers of tissue during a procedure.

It seems that the allure of historically enriching and entertaining content on YouTube may indeed have an unanticipated influence on professional trends, akin to the surprising effect of a well-timed dad joke during a serious conversation. As the data suggests, the impact of engaging digital content on career choices is not to be underestimated – it's almost as if a good statistical correlation is as rare as a surgeon making a great joke in the operating room.

In summary, this study highlights the unforeseen influence of captivating video titles on the healthcare industry in Kansas. Our findings offer a unique perspective that transcends traditional pathways for inspiring and attracting individuals toward medical professions. It's as if this statistical exploration has uncovered a hidden gem of humor within the realm of research – much like discovering a cleverly concealed dad joke in a serious academic discussion.

Ultimately, it can be asserted that no further research is needed in this area. The correlation between the coolness of Extra History video titles and the number of surgeons in Kansas has been well-stitched – and there's no need to probe further. It's as if this research has sutured the connection between amusing video titles and surgical pursuits, leaving us with a statistical punchline that doesn't need a setup.