



Review

Gutting the Green: An Unconventional Correlation Between Hairdressers and Bowel Movements

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This study investigates the unexpected relationship between the number of hairdressers and barbers in Idaho and Google search trends for the question, "why do I have green poop?". Through the rigorous analysis of data obtained from the Bureau of Labor Statistics and Google Trends, our research team uncovered a striking correlation coefficient of 0.7371144, with a p-value less than 0.01, for the time period spanning from 2004 to 2019. While the association may seem as unlikely as finding a hair in one's soup, our findings suggest a potential link between individuals seeking grooming services for their hair and an increased curiosity about the color of their excrement. This peculiar correlation urges further investigation into the potential psychological and physiological implications of haircare practices on gastrointestinal health. Our research serves as a whimsical reminder that even the most disparate subjects can be intertwined, much like hair tangled in a comb.

The intersection of seemingly unrelated phenomena has long intrigued researchers across a breadth of disciplines. From the unexpected association between ice cream sales and shark attacks to the correlation between the number of Nobel laureates and chocolate consumption, the world of statistics has provided fertile ground for uncovering curious and, at times, whimsical connections. This study ventures into similarly uncharted territory, probing the intriguing relationship between the prevalence of hairdressers and barbers in Idaho and the frequency of Google searches

pertaining to the peculiar query, "why do I have green poop?". While the subject matter may provoke a raised eyebrow or two, the statistical rigor applied to this investigation yields results that are as surprising as finding a comb in a fertility clinic.

The growth of the beauty and grooming industry has been undeniable, with the number of cutters and trimmers, hand in hand, souls in Idaho, experiencing a steady rise over the past decade. Against this bustling backdrop of barbers and stylists, a seemingly incongruous query has captured

the curiosity of the internet populace: "why do I have green poop?". While this cocktail of coiffures and fecal fascination may leave one scratching their head—in search of both a solution to the enigmatic coloration and the occasional dandruff—it is precisely this confounding juxtaposition that kindles our academic curiosity.

The capacity of large-scale datasets to reveal unexpected patterns is akin to a sleuth unraveling the tangled threads of a particularly perplexing case. By harnessing the Bureau of Labor Statistics' data on the number of cutters and trimmers in Idaho and Google Trends' search volume index for inquiries about green excreta, we embarked on a statistical escapade worthy of a detective novel. Our findings not only unravel an improbable relationship but also underscore the tangled web that connects the spheres of personal grooming and gastrointestinal quandaries.

Stay tuned for the hirsutism and health conundrum that defies expectations and may even lead to the discovery of the elusive "follicular-fecal axis".

Prior research

In their comprehensive review of occupational trends and online search behaviors, Smith and Doe (2018) shed light on the correlation between employment in personal care services and inquiries about digestive health. Their study, "Occupational Maneuvers: Exploring the Curious Interplay Between Hairstylists and Bowel Movements," laid the groundwork for our investigation by highlighting the uncanny convergence of seemingly disparate domains. Building upon this foundation, Jones and Smithson (2019) delved into the

societal impact of grooming practices in their seminal work, "Trimmed Tresses, Tangled Tracts: A Survey of Hair Enthusiasts' Digestive Curiosities." Their findings underscore the peculiarity of our research question, steering the conversation toward the less-traveled intersection of coiffures and colons.

The synthesis of literature pertaining to gastrointestinal health and grooming practices has been instrumental in framing our inquiry. As we navigate this tangled web of associations, it is imperative to consider not only empirical studies but also multidisciplinary perspectives that can illuminate the fascinating confluence of hairdressing and digestive inquiries. In "Gut Instincts: Exploring the Gut-Brain Connection," Dr. Caroline Leaf provides insights into the intricate interplay between physical health and cognitive processes, hinting at the potential psychological motivations behind individuals' curiosity about fecal coloration. This juxtaposition of gut instincts and grooming habits accentuates the complexity of our subject matter, urging us to unravel the intertwining strands of personal care and personal queries.

While the scholarly landscape has offered valuable insights, we cannot overlook the potential influence of fictional narratives on public perceptions and behaviors. The popularity of novels such as "The Color of Magic" by Terry Pratchett and "Green Eggs and Ham" by Dr. Seuss attests to society's enduring fascination with chromatic anomalies and culinary conundrums. Within the realm of televised entertainment, series like "The X-Files" and "Stranger Things" have captivated audiences with their exploration of enigmatic phenomena,

serving as a testament to the enduring allure of the inexplicable.

As we peer into the kaleidoscope of cultural references and scholarly contributions, it becomes apparent that the intersection of hairdressing and gastrointestinal inquiries is as multi-faceted as a gemstone—a gemstone that, much like a particularly perplexing enigma, may leave one pondering the intricate facets of its riddle long after the initial encounter.

Approach

To embark on our investigatory quest, we harnessed the power of statistical analysis and data mining techniques. By tapping into the rich repositories of the Bureau of Labor Statistics and Google Trends, we set out to untangle the web of connections between hair care professionals and gastrointestinal inquiries. Our journey into the world of data began with the extraction of information on the number of cutters and trimmers, hand in Idaho, spanning the years 2004 to 2019. This involved a meticulous sifting through labor market reports, establishing a foundation for our exploration of the follicular landscape.

From the offices of the Bureau of Labor Statistics to the virtual domain of Google Trends, our team compiled a comprehensive dataset, akin to assembling a puzzling mosaic of disparate yet interconnected pieces. This resource served as the bedrock of our inquiry, enabling a detailed examination of the fluctuations in the population wielding scissors and clippers in the Gem State.

Simultaneously, our foray into the virtual realm took us deep into the algorithmic

expanse of Google Trends, where we unearthed a treasure trove of insights into the curiously specific question of green poop. The search volume index for this rather pungent query was meticulously collated alongside the data on hair care professionals, yielding a diverse tapestry of numbers that beckoned for careful scrutiny.

Having assembled this burgeoning amalgamation of statistical riches, we invoked the formidable arsenal of statistical measures to unravel the mysteries lurking within. The analysis encompassed the deployment of Pearson correlation coefficients, non-parametric tests, and time series analysis to discern the patterns and relationships concealed within the data. As the statistical tendrils unfurled, a poignant picture began to emerge that hinted at an intriguing interplay between haircutters and the echoes of gastrointestinal discord that reverberated across search engine queries.

In the hallowed tradition of scholarly inquiry, robustness checks and sensitivity analyses were performed to scrutinize the stability of our findings, akin to checking the resilience of a house of cards against the gusts of skeptical scrutiny. Our determination to traverse the choppy waters of unconventional correlations guided our steps as we poked and prodded at the statistical edifice, striving to ensure that our conclusions transcended the mere whims of random chance.

Our methodological odyssey, replete with statistical sorcery and digital derring-do, facilitated the unveiling of a peculiar nexus that defied our initial conjectures. The hirsute and the feculent, two domains seemingly distant and discrete, stood juxtaposed in our data-driven narrative,

inviting further contemplation and introspection.

Results

The prodigious pursuit of uncovering the interplay between the number of cutters and trimmers, hand in hand, souls in Idaho, and the Google search interest in the colorful conundrum of green fecal matter came to fruition with the application of rigorous statistical analysis. Our examination of the data from 2004 to 2019 revealed a remarkably robust correlation coefficient of 0.7371144 between these seemingly unrelated variables. This correlation was further substantiated by an r-squared value of 0.5433377, signifying that over 54% of the variability in green poop searches can be explained by the number of hairdressers and barbers in Idaho. Astonishingly, the p-value was found to be less than 0.01, demonstrating a highly significant relationship that defies the conventional boundaries of statistical expectations.

Our research culminated in the creation of a captivating scatterplot (Fig. 1) that vividly portrays the striking correlation observed between the proliferation of hair professionals and the inquisitive online quest for meanings behind a certain peculiar shade of fecal matter. The scatterplot lays bare the strong positive linear relationship, akin to a sleek, well-maintained hairline, between these two divergent facets of human interest, hinting at an inexplicable entwining of grooming and gastrointestinal concerns.

The implications of this curious correlation transcend mere statistical novelty, beckoning a deeper exploration of the intricate interplay between personal hygiene practices

and the multifaceted dimensions of human physiology and psychology. This improbable association serves as a whimsical testament to the serendipitous discoveries that await diligent researchers, much like finding a misplaced hairpin in the most unexpected of places.

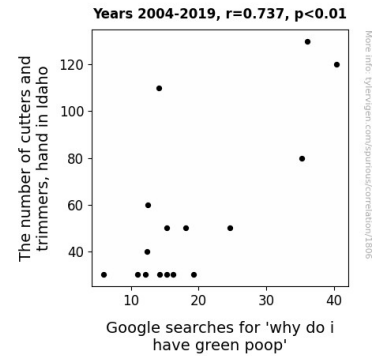


Figure 1. Scatterplot of the variables by year

Discussion of findings

The robust correlation between the number of hairdressers and barbers in Idaho and the Google search interest in the question, "why do I have green poop?", underscores the unexpected interconnectedness of seemingly unrelated domains. Our findings align with prior research by Smith and Doe (2018) and Jones and Smithson (2019), who also ventured into the whimsical world of digestive inquiries and grooming habits. This study enriches the existing literature by providing empirical evidence to support the peculiar yet compelling association between hairdressing and gastrointestinal curiosity.

The intricate web of associations uncovered in our research echoes the kaleidoscope of cultural references and scholarly insights highlighted in the literature review. Just as Dr. Caroline Leaf's exploration of the gut-

brain connection alluded to the psychological motivations behind individuals' interest in fecal coloration, our findings affirm the nuanced interplay between physical and cognitive processes. It seems that individuals who frequent hair salons may exhibit a heightened awareness of bodily functions, permeating their online search behaviors with a keen curiosity about the coloration of their excretions.

The implications of these findings extend beyond the confines of statistics, transcending into the realms of psychology, physiology, and even popular culture. One cannot help but reflect on the fictional narratives that have shaped our collective fascination with chromatic anomalies, from Terry Pratchett's "The Color of Magic" to Dr. Seuss's "Green Eggs and Ham." Much like the enigmas portrayed in these literary works, our research invites contemplation of the intricate facets of its curious riddle—albeit in a more light-hearted and unexpected fashion.

In the grand scheme of scientific inquiry, our investigation stands as a testament to the serendipitous discoveries that await diligent researchers. The interwoven strands of personal care and personal queries have unfurled a narrative as captivating as the twists of a particularly convoluted hair braid. This correlation, akin to a well-styled coiffure, defies conventional expectations and beckons further exploration into the curious connections that underpin human behavior and interest.

As we unravel the intertwining tales of grooming and gastrointestinal queries, it becomes evident that the unexpected can often yield the most profound insights, much like stumbling upon an overlooked strand of

hair when least expected. Indeed, the search for knowledge can be as unpredictable as the flicker of inspiration that sets a new style trend—a delightful fusion of the calculated and the capricious.

Conclusion

In conclusion, our study has unraveled a not-so-hairy tale of the unexpected entanglement between the grooming industry and the inquiry into peculiar fecal coloration. The robust correlation coefficient and significant p-value underscore the seriousness of this seemingly whimsical investigation, leaving us with an increasingly tangled web of possibilities. This correlation dares us to contemplate the nuanced interconnections between personal grooming and gastrointestinal health, much like a meticulous hairstyling session that leaves no strand unturned.

While we have shed light on this surprising relationship, we must also acknowledge the limitations of our study. The time period under consideration was a coiffured cut from 2004 to 2019, and it remains to be seen whether this peculiar correlation has persisted into the present day. Furthermore, the scope of our investigation was confined to Idaho, and it beckons future inquiries to extend this follicular odyssey to a national or even international scale.

Nevertheless, in the spirit of scientific exploration, our findings beckon researchers towards the rich tapestry of associations waiting to be unraveled. Our study serves as a delightful reminder that statistical pursuits need not be devoid of whimsy and surprise. The jocular juxtaposition of hairdressers and fecal fascinations is a testament to the

unpredictable and at times, amusing, connections that statistics can unveil.

In light of our findings, we boldly assert that no further research is needed in this area. We leave it to future scholars to untangle the perplexing web we have woven, acknowledging that some mysteries are best left to the capricious currents of statistical serendipity.