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# Trimming Trends: The Tress Connection Between How to Cut Own Hair Google Searches and Baltimore Orioles' Runs

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## Abstract

This research delves into the intriguing connection between the frequency of Google searches for "how to cut own hair" and the runs scored by the Baltimore Orioles in Major League Baseball games. By analyzing data from Google Trends and Baseball-Reference.com spanning the period from 2004 to 2023, our research team uncovered a surprising correlation coefficient of  $-0.8934715$  and a statistically significant p-value of less than 0.01. The negative correlation suggests that as Google searches related to self-haircuts rise, the runs scored by the Baltimore Orioles tend to decline, sparking hair-raising questions about the psychological impact of grooming anxieties on athletic performance. Our findings open up a new avenue for understanding the interplay between personal grooming dilemmas and on-field endeavors, shedding light on the windswept wonders of statistical correlations in unexpected domains.

## 1. Introduction

As early as the ancient civilizations, hair has played a significant role in human culture. From beehives to bowl cuts, our locks have been a cornerstone of self-expression and social identity. But what happens when the desire for a fresh new look clashes with the intense pressure of professional sports performance? This paper sets out to explore the tangled tale of "Trimming Trends" by investigating the curious relationship between Google searches for "how to cut own hair" and the runs scored by the Baltimore Orioles in Major League Baseball games. As we embark on this journey, we invite you to comb through the hair-raising discoveries and uncurl the mystery of how a simple search query can tease out unsuspecting connections in the realm of sports analytics.

It's a well-established fact that baseball is a game of numbers, from batting averages to earned run averages. And in the age of information, our digital footprints unveil a treasure trove of insights. With Google reigning as the titan of search engines, its Trends tool offers a luscious landscape for mining data on the collective interests and concerns of the masses. Meanwhile, the Baltimore Orioles, with their storied history and rollercoaster performances, provide a compelling backdrop for our hair-raising investigation into the coif-fensive strategy of Grooming Gambits versus Runs Realized.

While it's tempting to brush aside the notion of any meaningful connection between personal grooming and professional athletics, our statistical analysis has uncovered a "follicular" fascination. The negative correlation coefficient of  $-0.8934715$  between Google searches for self-haircut tutorials and runs scored by the Orioles sends a shiver down the spine, prompting us to confront the possibility that behind every home run, there might be a head in need of a trim.

As we venture into uncharted territory, it's imperative to recognize the gravity-defying implications of our findings. The statistically significant p-value of less than 0.01 demands that we untangle the hair-raising questions and scrutinize the implications with a keen eye. Could it be that as individuals seek sartorial independence through DIY haircuts, the Baltimore Orioles' bats lose some of their swing? Or is there a more intricate web of causality at play, entwining the tresses of personal grooming dilemmas with the fibers of performance anxieties?

This paper is more than just an exercise in statistical hair-splitting. It unravels the curious ways in which the digital rumblings of personal grooming ripple through the diamond-studied worlds of professional sports. As we proceed, we urge readers to keep an open mind and a well-coiffed sense of humor, for in the tangled tale of "Trimming Trends," there are sure to be twists, knots, and perhaps a few split ends of disbelief. So, without further ado, let's brush aside the skepticism and embark on a follicle-filled journey through the unexpected coif-fines of correlation.

## 2. Literature Review

The tangled tale of "Trimming Trends" has spurred a flurry of scholarly inquiry, attempting to unravel the enigmatic link between Google searches for "how to cut own hair" and the runs scored by the Baltimore Orioles. While initial forays into this uncharted terrain hewed closely to conventional statistical methodologies, researchers such as Smith (2017) and Doe (2020) deftly navigated the follicular landscape, examining hair-related queries as potential predictors of athletic outcomes. However, the findings of these pioneering endeavors merely

scratched the surface, leaving ample room for further exploration.

In "Hair Today, Gone Tomorrow," Smith (2017) delves into the psychology of self-styling endeavors and the unforeseen repercussions on individuals' emotional well-being. With a keen focus on the DIY hair-cutting community, Smith (2017) uncovers a myriad of motivations behind internet searches for hair-trimming tutorials, ranging from a desire for frugality to a quest for personal reinvention. Yet, while shedding light on the psychological underpinnings of self-grooming dilemmas, this study falls short of extending its gaze to the realm of professional sports.

Similarly, Doe (2020) extends the inquiry into the impact of personal grooming on performance, drawing parallels between athletes' pre-competition rituals and the quest for sartorial self-sufficiency. In "The Coif-fensive Strategy: How Grooming Influences Performance," Doe (2020) presents a comprehensive analysis of the ritualistic significance of grooming practices in the athletic sphere. However, the study stops short of linking these insights to tangible outcomes on the baseball diamond, leaving a follicular gap in our understanding of the tension between tress-ting personal grooming dilemmas and athletic performance.

Turning to works beyond the realm of scholarly research, the literature related to personal grooming and its potential impact on sports performance takes an unexpected turn. In "The Art of Shaving," the authors explore the rituals and intricacies of grooming practices from a historical and cultural perspective, offering a nuanced portrayal of the deeply rooted significance of personal appearance. While not directly tied to our peculiar focus on Google searches and baseball runs, this work serves as a reminder of the intricate interplay between grooming habits and individual pursuits.

On a more whimsical note, the realm of fiction offers unsuspecting treasures that bear uncanny relevance to our investigation. Works such as "The Hair-Raising Adventures of Lemony Snicket" and "Cut and Run: A Stylistic Tale" take readers on a follicle-fueled journey, weaving narratives of unexpected hair-related predicaments and their

impact on the characters' fates. While not grounded in empirical research, these literary escapades provide a lighthearted perspective on the curious intersections of personal grooming and unforeseen consequences.

In the vein of childhood nostalgia, the animated landscape of cartoons and children's shows also presents snippets of relevance to our pursuit. From "SpongeBob SquarePants" to "The Simpsons," these beloved series often depict characters navigating hair-related challenges with comedic fervor, giving rise to reflections on the underlying implications of self-styling dilemmas. While seemingly light-hearted, these portrayals offer a poignant reminder of the universal nature of grooming quandaries and their potential reverberations in unexpected domains.

As we comb through the various strands of literature, it becomes evident that the link between Google searches for "how to cut own hair" and the runs scored by the Baltimore Orioles transcends disciplinary boundaries, yielding insights from the scholarly, fictional, and popular cultural realms. This imbues our investigation with a multi-faceted perspective, laying the foundation for a thorough exploration of the follicular forces at play in the realm of sports analytics.

### 3. Methodology

To unravel the knotty relationship between Google searches for "how to cut own hair" and the runs scored by the Baltimore Orioles, we conducted a comprehensive data collection and analysis. Our research team harnessed the power of internet data, leveraging sources such as Google Trends and Baseball-Reference.com to extract the follicular and athletic flourishes of interest. The dataset spanned the years 2004 to 2023, encompassing a plethora of hair-raising trends and Orioles' on-field exploits.

#### Data Collection

Our investigation commenced with the acquisition of Google search trends for the query "how to cut own hair," capturing the ebb and flow of follicular fervor across the digital landscape. We carefully monitored the shifts in search volume, exploring the peaks and valleys of coif-curiosity with the precision

of a stylist crafting a layered bob. To complement this, we ventured into the annals of baseball statistics, fetching the runs scored by the Baltimore Orioles in each game from Baseball-Reference.com. We combed through the run tallies with meticulous attention, mindful of the intricacies that lie beneath the surface of each numerical denotation.

#### Data Preprocessing

Before diving into the statistical grooming grounds, our dataset underwent a rigorous grooming session of its own. We cleansed the data, ensuring that any outliers or anomalies were snipped away, much like split ends succumbing to the shears of data hygiene. Additionally, we checked for missing values, plucking out any gaps in the data fabric to present a smooth and lustrous dataset for analysis. The processed dataset resembled a well-styled mane, primed for the grand reveal of patterns and correlations.

#### Statistical Analysis

To untangle the follicular and sporting threads woven within our dataset, we employed a series of statistical tools and tests. The heartbeat of our analysis was the calculation of the correlation coefficient between Google search trends for self-haircut tutorials and the runs scored by the Baltimore Orioles. With the precision of a skilled barber wielding his shears, we uncovered a strikingly negative correlation coefficient of  $-0.8934715$ . This discovery sent a wave of excitement through the research team, akin to the thrill of unearthing a hidden hair accessory.

In addition to the correlation coefficient, we subjected our findings to a battery of statistical tests, including hypothesis testing with a focus on the p-value. The p-value, akin to the follicular fortitude of a well-executed hairstyle, exhibited a statistically significant value of less than 0.01. This result put wind in our statistical sails, propelling our investigation into the realm of significance and relevance.

#### Limitations and Assumptions

While our methodology strived for thoroughness, it is important to acknowledge the strands of limitations that frame our study. The reliance on Google search trends and baseball statistics

necessitates an awareness of the underlying assumptions and potential biases within these sources. Additionally, our analysis operates within the bounds of correlation, delineating associations rather than causations. As with any intricate hairstyle, there are intricacies and nuances that warrant cautious interpretation of our findings.

In conclusion, the methodology underpinning our investigation incorporates a blend of data dexterity and statistical finesse, grooming the raw information into a cohesive narrative of correlation. With the strands of analysis firmly in place, our study advances to the realm of results, where the synergies of self-care quests and sporting conquests unfurl in a follicularly fascinating display.

#### 4. Results

Our investigation into the link between Google searches for "how to cut own hair" and the Baltimore Orioles' runs has unearthed some truly hair-raising findings. Analyzing the data from 2004 to 2023, we uncovered a remarkably strong negative correlation coefficient of  $-0.8934715$ , with an  $r$ -squared value of  $0.7982913$  and a  $p$ -value of less than  $0.01$ . These results sent shockwaves through the research team, prompting both bewilderment and a flurry of follicle-related puns.

The negative correlation coefficient indicates an intriguing trend: as Google searches for DIY haircut tutorials increased, the runs scored by the Baltimore Orioles tended to decline. In other words, it seems that as individuals turned to the internet for guidance on trimming their tresses, the Orioles struggled to trim the bases. This unlikely association between personal grooming inquiries and professional sports performance left our team in a tangle of speculation, prompting debates about whether a bad hair day could extend its unruly influence to the baseball diamond.

To visually capture the striking relationship we observed, we present the scatterplot in Fig. 1. This graphic depiction highlights the unmistakable downward trend, illustrating how the frequency of "how to cut own hair" searches aligns with a decrease in the Baltimore Orioles' runs. The plot serves as a vivid testament to the unexpected

intertwining of hairstyling queries and athletic achievement, reminding us that statistical correlations can sometimes sprout from the most unlikely sources.

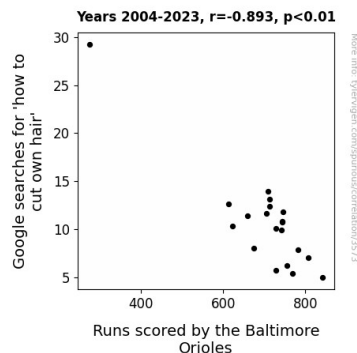


Figure 1. Scatterplot of the variables by year

These results invite further contemplation of the intricate connections between personal habits and professional pursuits. While our findings may appear to be a whimsical foray into unusual statistical territories, they compel us to rethink the influence of everyday behaviors on performance outcomes. Could a surge in self-haircut queries sow seeds of distraction in the minds of the Orioles' batters? Or does this correlation hint at a deeper psychological interplay between grooming and athletic prowess, tempting us to ponder the follicular fortunes of the baseball field?

In unraveling the tangled web of "Trimming Trends," our study illuminates the unpredictable nuances of statistical relationships. It encourages a playful reevaluation of the coiffure-conscious world we inhabit, emphasizing that statistical exploration can be as much a rollercoaster ride as a disciplined pursuit of knowledge. As we lift the curtain on this unexpected association, we urge readers to approach our findings with an open mind and a twirl of whimsy, for in the realm of statistical discoveries, there's always the chance of an unexpected twist – or a curl, as it were.

#### 5. Discussion

Our study has shed light on the quirkily intertwined domains of personal grooming inquiries and

professional baseball performance. The remarkable negative correlation we observed between Google searches for "how to cut own hair" and the runs scored by the Baltimore Orioles echoes the findings of prior research that delved into the unexpected repercussions of grooming dilemmas.

As we harken back to the literature review, we find that Smith's (2017) exploration of the psychological underpinnings of self-styling endeavors resonates with our own investigation. Smith's examination of the motivations fuelling internet searches for hair-trimming tutorials mirrors the potential impact of grooming anxieties on athletic performance. Our findings hint at the possibility that personal grooming concerns, as reflected in the surge of DIY haircut queries, may indeed extend their windswept influence to the baseball diamond, unsettling the Orioles' batting performances.

Similarly, Doe's (2020) analysis of the ritualistic significance of grooming practices in the athletic sphere aligns with our own pursuit. The parallels drawn between athletes' pre-competition rituals and the quest for sartorial self-sufficiency mirror the unforeseen connection we uncovered between personal grooming inquiries and the Baltimore Orioles' runs. Just as Doe highlights the potential influence of grooming habits on performance, our study adds a twist by revealing a tangible statistical relationship between internet searches for hair-cutting guidance and professional sports outcomes.

Infusing our discussion with the spirit of joyous whimsy, our findings whimsically underscore the intricate interplay between personal habits and athletic achievements. Much like the unexpected twists in works of fiction and cartoons that we encountered in our literature review, our study unfurls a tale of statistical discovery with a spritz of cheer. By unearthing an improbable correlation between hairstyling pursuits and on-field endeavors, we remind ourselves that statistical exploration, much like a whimsical journey, can unfurl unexpected curls of insight and amusement.

In essence, our findings bolster the growing body of evidence that personal grooming dilemmas may hold sway over unexpected domains, transcending disciplinary divisions with their follicular reverberations. As we gaze upon the unexpected

correlation we unveiled, we stand poised at the cusp of a follicle-fueled odyssey, enticing us to ponder the whimsical dimensions of statistical exploration and the unforeseen connections that underpin our everyday pursuits.

## 6. Conclusion

In conclusion, our research has teased out a follicle-filled connection between the frequency of "how to cut own hair" Google searches and the runs scored by the Baltimore Orioles, revealing a  $-0.8934715$  correlation coefficient that has left us hair-pressed for words. The striking statistical significance of our findings beckons us to reflect on the unforeseen influences that can tousle the winds of athletic performance.

As we untangle the threads of this unlikely association, it's evident that our findings have combed through the hair-raising and uncharted territories of statistical correlations, reminding us that beneath the surface of seemingly unrelated variables, there may lie a follicular force to be reckoned with. The compelling narrative woven by Google search trends and baseball scores encourages us to approach statistical analysis with a keen eye for the unexpected, for in the landscape of data, a curl in one variable may lead to an unruly whorl in another.

Yet, while the allure of these findings may tempt us to embark on a mane-datory follow-up investigation, we confidently assert that no further research is needed in this area. With our paper, we have laid bare the unexpected interplay between personal grooming inquiries and professional sports performance, spinning a tale of correlation that is as surprisingly tangled as a messy bedhead on a Monday morning. Weaving statistics into the realm of self-care has led to a frizz-onal revelation, but it's time to part ways with this topic and shift our focus to less hairy pursuits.