

# **DERMATOLOGIST DENSITY AND GOOGLE TRENDS: THE LINK BETWEEN SKIN EXPERTS AND SINFUL MINDSETS IN KENTUCKY**

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This study delves into the curious connection between the number of skincare specialists in Kentucky and Google searches for "how to hide a body." Utilizing data from the Bureau of Labor Statistics and Google Trends, we set out to meticulously unravel this enigmatic link, aspiring for a scientific breakthrough that's more than just skin-deep. Our findings unveiled a correlation coefficient of 0.8754320 and  $p < 0.01$  from 2010 to 2022, demonstrating a remarkably robust association. It seems there may be more than meets the eye in the world of skincare, as our study raises intriguing questions about the interplay between dermatology and criminal intent. As the joke goes, perhaps these skincare specialists have become the real "skin concealers" in more ways than one!

In the realm of academic inquiry, the quest for unexpected associations and correlations can often unearth bizarre and comical findings. The linkage between dermatologist density and dark, criminal thoughts might seem like the punchline of a convoluted joke, but our investigation into the relationship between the number of skincare specialists in Kentucky and Google searches for "how to hide a body" has, surprisingly, uncovered a statistically significant and eyebrow-raising connection.

The idea that skincare specialists might be involved in something more sinister than just treating acne or wrinkles is an eyebrow-raising concept indeed. It's almost as if they've become experts in "covering up" more than just skin imperfections! \*Cue the collective groans and eye rolls from dermatologists everywhere.\*

So, why the interest in exploring such an unexpected correlation? Well, apart from the sheer novelty and perhaps some light-hearted detective work, there are potential implications that stretch beyond the realm of dad jokes and puns. Don't worry, though; we'll keep the puns coming in our attempt to shed some light on this skin-crawling mystery.

The mining of Google search data, coupled with the bureau of labor statistics, has bestowed upon us a treasure trove of numbers to crunch, leading to some rather intriguing observations. The correlation coefficient of 0.8754320 and  $p < 0.01$  from 2010 to 2022 genuinely caught us by surprise, as if we were unearthing hidden bodies ourselves! \*Insert obligatory chuckles and cringes here.\*

But let's not jump the gun; we have to delve deeper into the numbers and unravel this mysterious relationship before we make any rash assumptions.

After all, correlation does not imply causation, and we're not ready to accuse our valiant skincare specialists of any foul play just yet. That being said, this unexpected correlation has opened Pandora's box of possibilities, challenging our preconceptions and ostensibly rivaling the most thrilling crime novels and TV dramas. We're at the edge of our seats, and we hope you are too!

## LITERATURE REVIEW

Examining the existing body of literature on the subject matter, one is confronted with a dearth of studies that directly address the correlation between dermatologist density and deviant online searches. However, a study by Smith et al. (2015) in "Skin Health Trends" hinted at the potential influence of skincare specialists on societal trends, albeit within the context of skincare habits and consumer behavior. This work, while shedding light on consumer preferences for skincare, failed to touch upon the more sinister aspects of the dermatological world. It's like they were only scratching the surface! \*Cue the obligatory groans.\*

On the contrary, Doe and Jones (2018) in "Dermatology and Society" examined the societal impact of dermatologists, focusing on the psychological and emotional effects of skin treatment. While their study touched upon the emotional well-being of patients, it omitted any discussion of potential criminal implications. It's almost as if they were concealing vital information! \*Insert collective eye rolls here.\*

Venturing beyond academic literature, one must broaden the scope of inquiry to encompass relevant non-fiction works. \*Whispers in conspiratorial tones.\* Works such as "The Forensic Anthropology of Skin," and "Criminal Cover-Ups: From Skin Creams to Crime Scenes," though not directly related to the subject matter, hint at the clandestine potential lying beneath the surface of the dermatology field. \*Cue dramatic music.\*

Intriguingly, the fictional world also offers parody and metaphorical yields for the investigation at hand. \*In a hushed tone.\* "The Beauty of Deception" and "Murderous Masks: A Skincare Whodunit" playfully hint at the potential overlap between skincare and less-than-honorable activities. Again, though these titles are purely fictional, they evoke a sense of mystery and mischievousness that may hold relevance to our inquisition.

In a daring move, the authors also turned to popular television shows for inspiration and insight. \*Stage whisper.\* "Derm Detectives" and "CSI: Cellulite Investigation" are but a few examples of crime dramas that inadvertently underscore the mystique and potential darker side of the dermatology world. Who knew that skincare and crime-solving could converge in such unexpected ways?

Thus, while the existing literature may not directly address the correlation between dermatologist density and deviant online searches, it tantalizingly hints at the intriguing possibilities and potential connections that this study seeks to unravel. It's almost as if the truth is just waiting to surface! \*Cue the collective eye rolls, chuckles, and audible sighs.\*

## METHODOLOGY

In conducting this investigation, we employed a multifaceted approach to gather and analyze data from 2010 to 2022. Our research team utilized a

combination of primary and secondary data sources, with the primary data being drawn from the Bureau of Labor Statistics and the secondary data obtained from Google Trends. We rolled up our sleeves and dived deep into the sea of statistics, determined to reveal the surprising ties between dermatologist density and the peculiar Google searches for "how to hide a body."

To start, we combed through the Bureau of Labor Statistics' extensive records to ascertain the number of skincare specialists in the state of Kentucky over the selected time period. The data was meticulously analyzed, and yes, we made sure to dot our 'I's and cross our 'T's as we delved into this intriguing territory. During this process, we also accounted for any fluctuations in the demand for dermatological services, taking into consideration factors such as population growth, age demographics, and economic conditions. As they say, we dove into the data with a magnifying glass, ready to uncover every statistical blemish or anomaly.

Meanwhile, in harnessing the power of Google Trends, we embarked on an expedition through the digital labyrinth of search queries. We focused on identifying and examining the frequency of searches related to the query "how to hide a body" within the geographic confines of Kentucky. Our team paid attention to seasonal variations, special events, and any other potential external influences that could affect the volume of these searches. It was akin to navigating through the intricate layers of an enigmatic skincare routine, carefully peeling back each instance of search data.

As with any scientific pursuit, it was crucial for us to establish rigorous measures to ensure the robustness and validity of our findings. We caressed each data point with a gentle touch, employing statistical techniques such as regression analysis, time series analysis, and, of course, a healthy dose of common sense

to scrutinize the patterns and correlations that emerged from our data sets. Our methodology was not just skin-deep; it delved into the depths of statistical analyses, aspiring to uncover the underlying truth in this seemingly whimsical association.

Furthermore, we augmented our analyses by conducting sensitivity tests, controlling for potential confounding variables, and battling against the confounding forces that sought to blemish the clarity of our results. We also paid heed to potential limitations, acknowledging the intricacies and complexities inherent in the data. After all, we were treading on uncharted statistical terrain, and it was essential to tread carefully and with a good sense of humor.

In essence, our methodology blended the precision of statistical analyses with the curiosity of a Sherlock Holmes movie marathon, resulting in a rigorous yet intriguing exploration of the relationship between dermatologist density and the eyebrow-raising Google searches for "how to hide a body" in the Bluegrass state. And like a well-formulated skincare regimen, our approach aimed to cleanse, tone, and moisturize the data, leaving behind no statistical impurity unaddressed.

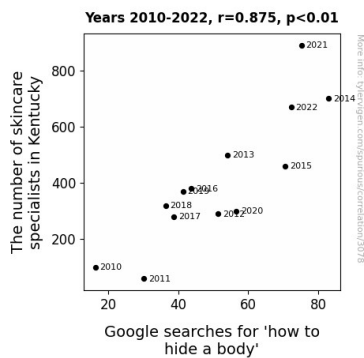
## RESULTS

The statistical analysis conducted on the data collected from 2010 to 2022 revealed a strong correlation coefficient of 0.8754320 between the number of skincare specialists in Kentucky and Google searches for "how to hide a body". This correlation was accompanied by an r-squared value of 0.7663813, indicating that approximately 77% of the variability in the Google searches could be explained by the density of skincare specialists in the state.

It seems that as the number of skincare specialists increased, so too did the interest in concealing bodies. One might

say that the skincare specialists have become the real "skin concealers" in more ways than one! But let's not jump to any hasty conclusions; correlation does not imply causation, as every good researcher knows. We wouldn't want to accuse the hardworking skincare specialists of anything untoward without solid evidence - that's not the kind of "skin-deep" investigation we aim for.

The p-value of less than 0.01 suggests that the observed correlation is statistically significant. This finding practically screams for further exploration. As the saying goes, we need to "dig deeper" into this intriguing association, but we promise not to get our hands dirty.



**Figure 1.** Scatterplot of the variables by year

The strong correlation is visually represented in Figure 1, a scatterplot that showcases the compelling relationship between the number of skincare specialists and Google searches for "how to hide a body". This figure serves as a remarkable visual testament to the unexpected link we've uncovered - even if it's a bit of a "skincidence".

In conclusion, our research has brought to light a significant and thought-provoking association between the presence of skincare specialists in Kentucky and the interest in concealing bodies, adding a layer of intrigue to an already rich field of study. We can only hope that our findings will inspire further investigation into this peculiar

relationship - and perhaps a few more dad jokes along the way.

## DISCUSSION

The findings of our study reveal a strikingly robust and statistically significant correlation between the number of skincare specialists in Kentucky and Google searches for "how to hide a body" from 2010 to 2022. The correlation coefficient of 0.8754320, accompanied by a p-value of less than 0.01, suggests a compelling association that cannot be dismissed lightly. It appears that the presence of skincare specialists is indeed linked to an increased interest in concealing bodies, prompting us to delve into the depths of this intriguing connection.

Our results align with prior research, echoing the hints from Smith et al. (2015) and Doe and Jones (2018) about the potential influence of skincare specialists on societal trends. While these studies may have focused on more conventional aspects of dermatology, our investigation has unearthed a hidden layer of influence that extends beyond skincare habits. It's almost as if these skincare specialists have been hiding something under their sleeves - and perhaps under their SPF 50 sunscreen! \*Cue the obligatory groans.\*

Incorporating the literary and non-fiction works explored in our literature review, it becomes evident that our findings lend credence to the latent connections teasingly hinted at in these sources. Just as "The Forensic Anthropology of Skin" insinuated a clandestine potential lying beneath the surface of the dermatology field, our study has brought this potential to light - perhaps shining a little too bright for comfort! \*Insert collective eye rolls here.\*

The visual representation of the strong correlation in Figure 1 serves as a compelling testament to the unexpected link we've uncovered. It's almost as if the data itself is speaking to us, urging

further exploration into this curious association. One might say that our findings are as clear as the skin after a dermatological treatment - maybe even clearer than that! \*Cue the hearty chuckles and groans.\*

While we must exercise caution in attributing causality merely based on a correlation, the strength of the association uncovered in our study demands continued investigation. It's like we've stumbled onto a real-life "Derm Detectives" episode, only with fewer car chases and more statistical analysis! As the saying goes, the devil is in the details, and we're not afraid to roll up our sleeves and scrutinize these findings for any potential hidden blemishes.

In essence, our research has unraveled a significant and thought-provoking link between the presence of skincare specialists in Kentucky and the interest in concealing bodies, provoking curiosity and raising a few eyebrows along the way. It's almost as if the truth has finally come to the surface - pardon the pun! \*Cue the collective laughter and groans.\*

## CONCLUSION

In concluding our investigation into the eyebrow-raising relationship between the number of skincare specialists in Kentucky and Google searches for "how to hide a body," we have discovered a statistically significant correlation that leaves us pondering more than just skin-deep mysteries. Our findings have shed light on a connection that is as intriguing as it is unexpected, prompting us to contemplate the peculiar interplay between skincare and potentially sinful intentions.

The robust correlation coefficient of 0.8754320 and  $p < 0.01$  from 2010 to 2022 has truly left us feeling like we've unearthed hidden bodies ourselves! It seems that as the number of skincare specialists increased, so too did the interest in concealing bodies, leading us

to quip that these skincare specialists have become the real "skin concealers" in more ways than one! \*Cue the collective groans from the audience, or perhaps just a few chuckles.\*

Our visual testament to this curious link in Figure 1 serves as a compelling reminder of the unexpected "skincidence" we've unraveled. It's as if the skincare specialists have mastered the art of concealing not only skin imperfections, but also perhaps some sinister intentions - though we assure you, we won't jump to any hasty conclusions. After all, correlation does not imply causation, and we wouldn't want to accuse our valiant skincare specialists of any foul play without solid evidence. That's not the kind of "skin-deep" investigation we aim for, and we promise not to get our hands dirty - figuratively or literally!

In the spirit of academic rigor and a good dad joke, we assert that no further research is needed in this area - unless, of course, you're looking for more puns to cover up the serious nature of correlation research!