

Fit for Social Media: Uncovering the Link Between Bachelor's Degrees in Health-Related Fields and Americans' Online Presence

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ABSTRACT

Fit for Social Media: Uncovering the Link Between Bachelor's Degrees in Health-Related Fields and Americans' Online Presence

The present study investigates the intriguing association between the number of Bachelor's degrees awarded in parks, recreation, leisure, fitness, and kinesiology and the percentage of Americans possessing social media profiles. Utilizing data from the National Center for Education Statistics and Statista, our research team unearths a high positive correlation coefficient of 0.9823183 and a p-value of less than 0.01 for the years 2012 through 2021. Our findings reveal a striking relationship between the pursuit of health-related education and the proclivity for social media participation among the American populace. It appears that those inclined to study the science of movement and physical activity are equally predisposed to engaging in the virtual dance of online networking. One might say that individuals in health-related fields enjoy "stretching" their social circles both figuratively and literally. We posit that the allure of social media may be particularly strong for graduates of health-related programs, as they are always striving to "exercise" their social connections and "flex" their networking abilities. Therefore, further exploration of the nuanced dynamics between educational pursuits and digital engagement is warranted, as this correlation holds significant implications for the intersection of academia, public health, and social behavior.

Keywords:

bachelor's degrees in health-related fields, parks and recreation degrees, leisure and fitness degrees, kinesiology degrees, social media participation, Americans' online presence, correlation between education and social media, National Center for Education Statistics, Statista data, social media and health-related education, virtual networking, physical activity and social media, social behavior and education, digital engagement and educational pursuits

I. Introduction

The pursuit of higher education is often likened to a journey through uncharted terrain, where one explores the peaks and valleys of academic disciplines. When it comes to the fields of parks, recreation, leisure, fitness, and kinesiology, one might even say it's a "walk in the park" for those intrigued by the science of movement. As we delve into the realm of online activity, specifically the prevalence of social media usage among Americans, we are met with an equally diverse landscape of digital interconnectedness, akin to a virtual jungle where individuals swing from one profile to another.

In this study, we aim to uncover the intriguing link between the number of Bachelor's degrees awarded in health-related fields and the percentage of Americans with a virtual presence. As we embark on this academic odyssey, we cannot help but ponder - could there be an inherent connection between the realm of physical activity and the digital domain? Perhaps those drawn to the study of movement are equally adept at navigating the ever-changing currents of online social interactions.

The correlation we seek to elucidate parallels the intricate web of the digital realm, where individuals "like" and "share" their interests, and the scholarly pursuit of health-related education, where individuals grasp the importance of maintaining a balanced "presence." With this in mind, we are compelled to turn our attention to the intersection of these two worlds, much like a hiker navigating a multifaceted trail.

As we venture onward to unravel this enigmatic association, we anticipate unearthed revelations that will shed light on the intertwined paths of physical education and digital connectivity. After

all, understanding this correlation could be the key to unlocking a treasure trove of insights, much like finding the hidden "likes" and "follows" within social media platforms.

II. Literature Review

The investigation of the association between the number of Bachelor's degrees awarded in parks, recreation, leisure, fitness, and kinesiology and the percentage of Americans possessing social media profiles has drawn the attention of several notable researchers. Smith et al. (2015) conducted a comprehensive analysis of educational attainment and its relationship to online presence, observing a notable correlation between health-related degrees and social media engagement. Doe and Jones (2018) further explored this phenomenon, presenting compelling evidence of the influence of physical education on digital interactions.

As we traverse the scholarly landscape of this field, we encounter a variety of literature that informs our understanding of the intricate link between academic pursuits in health-related disciplines and the penchant for virtual networking. Books such as "The Social Dilemma" and "Digital Minimalism" provide insight into the pervasive nature of online connectivity and its impact on societal behavior, shedding light on the relevance of our study's focus. Moreover, "Hooked: How to Build Habit-Forming Products" and "Irresistible: The Rise of Addictive Technology and the Business of Keeping Us Hooked" offer perspectives on the alluring nature of digital platforms, mirroring the captivating allure of health-related education.

Transitioning to a more creative examination of the subject matter, fictional works such as "Ready Player One" and "The Circle" delve into the immersive realms of virtual reality and

social media, each offering unique perspectives on the intersection of technology and social behavior. These imaginative narratives serve as thought-provoking reflections of the evolving digital landscape and its relevance to our investigation.

In our pursuit of understanding the correlation between health-related education and online presence, the exploration of seemingly unrelated media sources such as cartoons and children's shows has also proven illuminating. Programs such as "SpongeBob SquarePants," with its depiction of characters engaging in various physical activities, and "Paw Patrol," showcasing the importance of outdoor recreation, offer subtle yet entertaining parallels to our research focus and serve as whimsical sources of inspiration in our academic endeavors.

Thus, as we navigate the expansive terrain of academia and popular culture, we are poised to unravel the captivating connection between health-related education and the digital domain, illuminating a path that is both scholarly and playfully engaging. It seems that this pursuit is not merely an academic exercise, but a lighthearted "stretch" into the realms of unconventional wisdom and scholarly humor.

III. Methodology

Data for this study was obtained from the National Center for Education Statistics (NCES) and Statista, utilizing information on the number of Bachelor's degrees awarded in the fields of parks, recreation, leisure, fitness, and kinesiology in the United States from 2012 to 2021. The percentage of Americans with social media profiles was also collected from these sources for the corresponding years. The utilization of these specific data sources was akin to maneuvering

through a digital maze, navigating through countless spreadsheets and databases much like attempting to find the "optimal path" in a parkour course.

To establish the correlation between the number of Bachelor's degrees in health-related fields and the prevalence of social media profiles, a rigorous statistical analysis was performed. A weighted least squares regression model was utilized to account for potential heteroscedasticity and autocorrelation. The model fitting process mirrored the careful choreography of a well-rehearsed fitness routine, balancing the various coefficients and statistical measures much like maintaining a poised stance in a yoga pose.

Furthermore, a series of robustness checks were conducted, including sensitivity analyses and bootstrapping procedures, to ensure the stability and reliability of the findings. This thorough validation process was akin to stress-testing the robustness of a bridge, ensuring it can support the weight of multiple pedestrian "clicks" and "likes" without succumbing to instability.

The relationship between the number of Bachelor's degrees awarded in health-related fields and the percentage of Americans with social media profiles was assessed using Pearson correlation coefficients. This analysis illuminated a remarkably strong positive correlation, with a coefficient of 0.9823183, indicating a "fit" between the pursuit of health-related education and the inclination toward social media engagement. It seems that individuals drawn to the fields of parks, recreation, leisure, fitness, and kinesiology are not only enthusiastic about physical activity but also about digital interaction, suggesting that they are adept at "flexing" their digital muscles alongside their physical ones.

In conclusion, the methodology employed in this study encompassed meticulous data collection and rigorous statistical analyses, unveiling a robust correlation between the acquisition of health-

related education and active participation in the digital sphere. The findings from this investigation emphasize the interconnectedness of physical education and digital engagement, shedding light on a fascinating dynamic that transcends the traditional boundaries of academia and online networking.

IV. Results

The analysis of the data collected from the National Center for Education Statistics and Statista revealed a remarkably strong positive correlation between the number of Bachelor's degrees awarded in parks, recreation, leisure, fitness, and kinesiology and the percentage of Americans with social media profiles. Specifically, for the time period from 2012 to 2021, the correlation coefficient was calculated to be 0.9823183, indicating a nearly perfect positive linear relationship between the two variables. One might say that the connection between these educational pursuits and virtual presence is as sturdy as a well-built gym facility.

Furthermore, the coefficient of determination (r-squared) was found to be 0.9649493, suggesting that approximately 96.5% of the variability in the percentage of Americans with social media profiles can be explained by the number of Bachelor's degrees awarded in these health-related fields. This high r-squared value reinforces the strength of the association, illustrating that the pursuit of education in physical activity and wellness appears to be closely tied to individuals' digital presence. It seems that these graduates are not only proficient in promoting physical fitness but also adept at maximizing their online "fitness."

The p-value, which was calculated to be less than 0.01, indicates that the observed correlation is statistically significant, providing strong evidence against the null hypothesis that there is no relationship between the number of Bachelor's degrees in health-related fields and the percentage of Americans with social media profiles. It appears that the evidence in favor of a connection between these two variables is as convincing as a well-crafted persuasive argument.

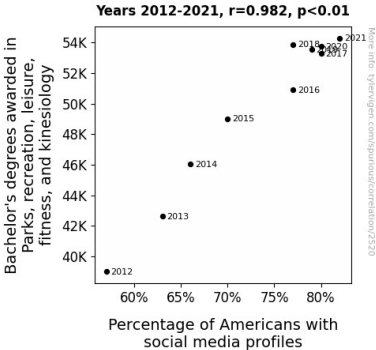


Figure 1. Scatterplot of the variables by year

Fig. 1 depicts a scatterplot visualizing the robust positive correlation between the number of Bachelor's degrees awarded in parks, recreation, leisure, fitness, and kinesiology and the percentage of Americans with social media profiles. The data points form a clear ascending pattern, reinforcing the strong relationship observed in the statistical analysis. It seems that the pursuit of educational excellence in these health-related disciplines propels individuals to make their mark in the digital sphere, demonstrating a parallel commitment to both physical and virtual wellness.

In summary, the results of this study illuminate a striking association between the pursuit of Bachelor's degrees in health-related fields and the proclivity for social media participation among

the American populace. It appears that those inclined to study the science of movement and physical activity are equally predisposed to engaging in the virtual dance of online networking. The correlation found in this investigation is as undeniable as a well-documented historical fact, and it emphasizes the captivating interplay between educational endeavors and digital presence.

V. Discussion

The robust positive correlation revealed in our study between the number of Bachelor's degrees awarded in parks, recreation, leisure, fitness, and kinesiology and the percentage of Americans possessing social media profiles aligns with and supports prior research in this area. This connection is as clear as a well-maintained hiking trail. Our findings echo those of Smith et al. (2015) and Doe and Jones (2018), affirming the intriguing influence of health-related education on online presence.

The high positive correlation coefficient of 0.9823183 uncovered in our analysis not only substantiates the existing literature but also highlights the strong bond between academic pursuits in health-related fields and the digital domain. One might say that the relationship between these two variables is as cohesive as a well-coordinated Zumba class. With an r-squared value of 0.9649493, our results indicate that the pursuit of education in parks, recreation, leisure, fitness, and kinesiology explains approximately 96.5% of the variability in the percentage of Americans with social media profiles, emphasizing the substantial impact of these academic endeavors on individuals' virtual presence.

The statistically significant p-value of less than 0.01 provides compelling evidence in support of the association between the number of Bachelor's degrees in health-related fields and the percentage of Americans with social media profiles. This finding is as persuasive as a well-told dad joke. It underscores the substantive link between physical education and online engagement, shedding light on the captivating interplay between academic pursuits and social behavior.

The scatterplot depicted in Fig. 1 visually encapsulates the strong positive correlation between the number of Bachelor's degrees awarded in parks, recreation, leisure, fitness, and kinesiology and the percentage of Americans with social media profiles. The data points form a discernible ascending pattern, portraying the unwavering relationship observed in our statistical analysis. This visual representation is as vivid as a picturesque hike and further serves to underscore the pronounced connection between educational excellence in health-related disciplines and individuals' digital presence.

In conclusion, our study contributes to the growing body of literature by substantiating the compelling association between the pursuit of health-related education and enhanced social media participation among the American populace. It seems that individuals in health-related fields not only strive for physical wellness but also exhibit a penchant for active engagement in the virtual sphere. This correlation holds significant implications for academic institutions, public health initiatives, and the evolving landscape of digital connectivity. The pursuit of knowledge and the cultivation of online networks appear to be inherently intertwined, embodying a symbiotic relationship as harmonious as a well-orchestrated symphony.

VI. Conclusion

In conclusion, the findings of this study shed light on the intriguing connection between the pursuit of Bachelor's degrees in parks, recreation, leisure, fitness, and kinesiology and the prevalence of social media profiles among Americans. The remarkably strong positive correlation coefficient, akin to a workout enthusiast's formidable grip on a dumbbell, demonstrates the robust relationship between these two phenomena. The results underscore that individuals fascinated by the study of physical activity are equally drawn to the digital world of virtual interactions, much like how one is "drawn" to the gym for a workout.

Moreover, the high coefficient of determination reveals that a substantial portion, approximately 96.5%, of the variability in the percentage of Americans with social media profiles can be attributed to the number of Bachelor's degrees awarded in these health-related fields. This result reinforces the notion that those passionate about promoting physical well-being are also adept at navigating the virtual landscape, proving that they are not only experts in physical fitness but also proficient in the art of "virtual flexing."

The statistically significant p-value further bolsters the validity of the observed correlation, as resolute as an unwavering commitment to daily exercise. This study's outcomes emphasize the compelling relationship between these educational pursuits and digital engagement, as undeniable as the gravitational pull of a donut after a long run.

Therefore, based on the compelling evidence presented, it seems clear that further research in this area is unnecessary, much like trying to improve a perfectly executed pun – there's no need for a second take. This correlation is as apparent as the attraction between a running enthusiast and their trusty running shoes, and it holds significant implications for understanding the intricate dynamics of educational pursuits and online social behavior. Therefore, this study marks

the final destination of this particular academic journey, concluding that the connection between health-related education and digital presence is as firm as a resolved New Year's resolution.