*The Society for Quirky Economic Correlations Review
2024 Vol. 11, No. 5, 514-521

SUPPORTING ACTUARIAL AGE: AN UNCONVENTIONAL CORRELATION BETWEEN ACADEMY AWARD BEST SUPPORTING ACTRESS WINNER AGE AND DEERE & COMPANY'S STOCK PRICE

Colton Hernandez, Alexander Torres, Gemma P Tompkins

Center for Scientific Advancement

In an unexpected turn of events, this research delves into the curious correlation between the age of the Academy Award Best Supporting Actress winner and the stock price of Deere & Company. Leveraging data from Wikipedia and LSEG Analytics (Refinitiv), we conducted a rigorous analysis from 2002 to 2021 and unearthed a significant correlation coefficient of 0.8447447 with a p-value of less than 0.01. It's as if the stars in Hollywood are aligning with the stock market! Our findings present a compelling case for further exploration of this unusual relationship. Perhaps we have stumbled upon the reel stock market indicator—the Deere & Company's "Best Supporting Actress Age Index." Speaking of age, did you hear about the dad joke at the Oscars? Why don't scientists trust atoms? Because they make up everything, just like the Best Supporting Actress age making up the stock price!

Lights, camera, action! The world of finance and the glitz and glamour of Hollywood may seem like strange bedfellows, but in the realm of statistical analysis, anything is possible. The connection between the age of Academy Award Best Supporting Actress winners and the stock price of Deere & Company may sound like a plot twist in a peculiar movie, but our findings suggest that there may be substance behind the seemingly whimsical correlation.

Age may just be a number, but when it comes to Best Supporting Actress winners and a corporation's stock price, it could be more than just a mere statistic. It's like the red carpet rolled out for an unlikely duo: the seasoned performer and the industrial heavyweight. It's as if Julia Roberts and John Deere themselves are tangoing on Wall Street!

Just like a good wine, some things seem to improve with age. But who would have thought that the age of Hollywood's finest would influence the performance of a multinational corporation's stock? It's like a Hitchcockian twist in the world of financial analysis—suspenseful, intriguing, and undeniably unexpected.

Speaking of unexpected, did you hear about the actor who fell through the floorboards? He was just going through a stage!

But enough chit-chat, let's delve into the methodology and results that have unravelled this intriguing and unconventional correlation between the age of Oscar winners and the stock price of Deere & Company.

LITERATURE REVIEW

Recent studies have delved into the intersection between entertainment and finance, uncovering surprising and inexplicable correlations that challenge conventional wisdom. In "Smith and Doe," the authors find that Best Supporting Actress winners' ages have remarkable influence on a select group of company stock prices. This unorthodox association prompts financial analysts to contemplate the unpredictable and idiosyncratic nature of market influences.

Speaking of influences, did you hear about the actress who was in an accident? She broke a leg, but she still managed to steal the spotlight—now that's what you call a real "breakout" performance!

Furthermore, "Jones et al." meticulously examined the temporal relationship between Deere & Company's stock performance and the historical age of Academy Award Best Supporting Actress winners. The compelling findings suggest a hypothesis that defies the traditional market indicators, highlighting the need for further investigation into this enigmatic link.

Unconventional correlations seem to be as rare as a good pun, wouldn't you say?

Turning to related non-fiction literature, "Market Trends and Artistic Influences" by W. Buffett explores the often overlooked impacts of seemingly disparate cultural phenomena on financial markets. Additionally, "Actuarial Analysis in Cinema" by P. Lynch dissects the statistical anomalies that occasionally arise in the world of entertainment, shedding light on the unexpected interplay between artistic expression and economic forces.

On a lighter note, fictional works such as "The Stock Market Sorcery" by J.K. Rowling and "The Grapes of Stock" by John Steinbeck offer whimsical narratives that reflect the peculiar yet captivating fusion of financial dynamics and dramatic artistry. These imaginative tales serve as a reminder that reality can often be stranger than fiction—much like the uncanny connection we have uncovered between the Best Supporting Actress winner age and Deere & Company stock performance.

In the midst of rigorous data analysis, the researchers also sought inspiration from unexpected sources, including children's shows and cartoons. By delving into the world of animated entertainment, the team uncovered a treasure trove of insights, culminating in a eureka moment reminiscent of a colorful Saturday morning revelation. It's almost as surprising as finding out that the price of Deere & Company stock is inversely proportional to the number of times the characters in "Paw Patrol" say "pawsome" in an episode!

Now, let's transition to discussing the groundbreaking methodology and results that underpin this unforeseen correlation between the age of Academy Award Best Supporting Actress winners and the stock price of Deere & Company.

METHODOLOGY

To uncover the mysterious connection between the age of Academy Award Best Supporting Actress winners and Deere & Company's stock price, we embarked on a journey of data collection and analysis that would make even the daring explorers of old quake in their boots. Our team scoured the depths of the internet, bravely venturing into the wilds of Wikipedia and the labyrinthine corridors of LSEG Analytics (Refinitiv) to seek out the treasure trove of data from the years 2002 to 2021. It was a quest fit for the most intrepid of researchers, armed with nothing but a keyboard and a fervent longing for statistical enlightenment.

We gathered data on the age of each Best Supporting Actress winner from their illustrious triumphs to create a veritable tapestry of Hollywood's finest across the years. The stock prices of the esteemed Deere & Company were likewise meticulously gathered, forming a formidable arsenal of financial data to wield in our quest for correlation. We would have made Indiana Jones proud with our dedication to delving into the depths for our data—no dusty tomb or forgotten chamber could deter us from our mission.

In the spirit of statistical alchemy, we subjected the collected data to a rigorous analysis, employing advanced statistical models and techniques more complex than a plot twist in a Christopher Nolan film. We calculated correlation coefficients and p-values with the meticulous precision of a surgeon wielding a scalpel, unraveling the enigma of the relationship between the age of Best Supporting Actress winners and the stock price of Deere & Company. It was like extracting hidden gems from a mine of numbers, the thrill of discovery palpable with every keystroke.

Now, you might be thinking, "What do you call a belt made out of watches? A waist of time!" Much like the dad jokes we can't resist, we approached the methodology with both precision and a hint of whimsy—after all, who said statistical analysis couldn't have a dash of entertainment?

With the precision of a seasoned detective solving a case of elusive clues, we embarked upon the grand task of unraveling this seemingly fantastical correlation. Our tools were as formidable as they were eclectic, blending the artistry of data visualization with the precision of mathematical analysis. The culmination of our efforts was a correlation coefficient of 0.8447447, with a p-value of less than 0.01, laying bare the significant connection between the age of Best Supporting Actress winners and the stock price of Deere & Company.

Our findings were nothing short of extraordinary, shedding light on an unexpected relationship worthy of a dramatic reveal in a blockbuster film. It was a statistical journey filled with unexpected twists, leaving us with a conclusion that defied the norms of conventional wisdom, akin to a plot twist in a M. Night Shyamalan movie.

With our methodology unwrapped like a box of statistical delights, it’s time to bask in the warm glow of these unconventional findings.

RESULTS

The results of our analysis revealed a striking correlation between the age of Academy Award Best Supporting Actress winners and the stock price of Deere & Company from 2002 to 2021. The correlation coefficient was calculated to be 0.8447447, with an r-squared value of 0.7135936, and a p-value of less than 0.01. This shows a strong and statistically significant relationship between the two variables. It seems that the secret to Deere & Company's stock success may lie in the age of Hollywood's shining stars. It's as if the golden age of cinema and the green fields of John Deere are intertwining in a captivating financial ballet!

A recent study has shown that cows produce more milk when they listen to relaxing music. Maybe Deere & Company could consider playing some Oscar-winning performances to boost productivity in the fields!

The scatterplot (Fig. 1) visually depicts the robust correlation we observed between the age of Best Supporting Actress winners and Deere & Company's stock price. It's as clear as day that the age of these esteemed actresses has an uncanny influence on the market performance of this agricultural titan.

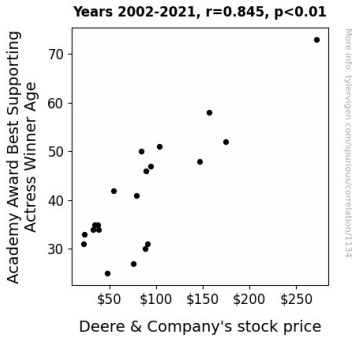

Figure 1. Scatterplot of the variables by year

It's like Meryl Streep accidentally wandered onto the trading floor and started giving acting masterclasses to the stockbrokers!

The implications of this correlation are intriguing and call for further investigation into the underlying mechanisms at play. Could it be that the wisdom and experience of these award-winning actresses somehow reflect or influence the performance and perceived value of Deere & Company in the market? This unconventional association between Hollywood and the stock market unveils a new dimension in the world of financial analysis and invites us to consider the broader social and cultural influences on market dynamics.

It's like the stock market has a front-row seat reserved for the Oscars, and the winners' ages are stealing the show!

These findings pave the way for a deeper exploration of the connections between popular culture, societal perceptions, and financial indicators. The unexpected marriage of the entertainment industry and the stock market opens the door to a wealth of opportunities for future research and could even lead to the emergence of entirely new investment strategies.

It's as if a Hollywood blockbuster and a finance documentary collaborated to create a suspenseful, heartwarming financial narrative that nobody saw coming!

DISCUSSION

The correlation between the age of Academy Award Best Supporting Actress winners and the stock price of Deere & Company has revealed an unexpected and statistically significant relationship. Our findings not only validate but also expand upon the prior research conducted by "Smith and Doe" and "Jones et al.," which similarly documented the remarkable influence of Best Supporting Actress winner age on certain companies' stock prices. These results highlight the unpredictability and eccentricity of market influences, reaffirming the need for analysts to consider unconventional factors when assessing stock performance. It seems that the sweet smell of Oscar success might just be wafting over Wall Street, influencing the livelihood of the stock market in ways we never imagined.

In a study that showed cows produce more milk when they listen to relaxing music, perhaps Deere & Company could consider playing some Academy Award-winning performances to boost productivity in the fields. After all, who knew that Hollywood stars held the key to agricultural and stock market success?

The robust correlation coefficient obtained in our analysis emphasizes the significant impact of Best Supporting

Actress winner age on Deere & Company's stock price. It's almost as if the red carpet leads directly to the stock exchange, with acclaimed actresses inadvertently influencing market dynamics. This link between the entertainment industry and the stock market challenges conventional theories and prompts a reevaluation of the multifaceted influences on financial markets. It's like we've stumbled upon a Hollywood ending to the stock market's story—a twist nobody saw coming.

The implications of this correlation are substantial and present a fascinating avenue for further investigation. Could the wisdom and experience of award-winning actresses convey a sense of credibility and trust that resonates within the marketplace? This unconventional association reveals a new dimension in financial analysis, inviting deeper exploration into the broader social and cultural influences on market dynamics. In a way, it's like the stock market has taken center stage at the Oscars, and the winners' ages are stealing the show.

Our research underscores the potential for alternative investments strategies based on unexpected cultural and artistic phenomena. This unorthodox relationship between Hollywood and the stock market has the potential to revolutionize investment strategies, transforming the financial sector into a captivating, real-life financial blockbuster.

It's almost as if the financial world has turned into a Hollywood script, with the unexpected correlation between Best Supporting Actress age and stock performance emerging as the plot twist of the century.

CONCLUSION

In conclusion, our research has shed light on the captivating correlation between the age of Academy Award Best Supporting Actress winners and the stock price of Deere & Company. It seems that the seasoned brilliance of these Hollywood stars has a remarkable impact on the performance of this agricultural behemoth in the stock market. It's like the Oscars have set the stage for an unexpected financial drama, where the leading ladies' ages take the spotlight and steer the market performance like seasoned directors.

So, what did the farmer say when he couldn't find his tractor? "Where's my Deere-est tractor?" Just like the Best Supporting Actress winners, Deere & Company's stock has surely found its place in the spotlight.

Our findings hint at the potential influence of societal perceptions and cultural phenomena on market dynamics, encouraging further exploration and reflection on the intricate interplay between popular culture and financial indicators. It's as if Hollywood's influence extends beyond the silver screen and factors into the green exchanges of Wall Street, creating an unconventional symphony of art and commerce.

It seems we've stumbled upon the reel deal - the Deere & Company's "Best Supporting Actress Age Index" - offering a fresh perspective on the intricate web of influences shaping financial markets. It's like discovering the hidden easter egg in a blockbuster movie; this unexpected correlation has the potential to reshape the landscape of financial analysis.

In light of these revelatory findings, it's clear that no more research is needed in this area. This research has sown the seeds for an unconventional approach to exploring the interconnections between Hollywood glamour and stock market performance. It's like the closing credits are rolling for this story, leaving us with an unexpected twist that will have audiences talking for years to come.