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# Stocking Up: The Link Between Household Spending on Home Maintenance and SBAC Stock Price

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*This study examines the intriguing relationship between annual US household spending on home maintenance and the stock price of SBA Communications (SBAC). Using comprehensive data from the Bureau of Labor Statistics and LSEG Analytics (Refinitiv) spanning the years 2002 to 2022, our research team unveils a correlation coefficient of 0.9822853 with a p-value less than 0.01, highlighting a remarkably strong association between these two seemingly unrelated variables. Our findings offer a whimsical insight into the world of economics, revealing a surprising determinant of stock prices that may have been previously overlooked. By delving into the world of home maintenance, we uncover hidden connections to the ebbs and flows of stock fluctuations, demonstrating that even the most mundane aspects of household spending can have a significant impact on financial markets. This paper lightheartedly probes the adage of "home is where the heart is," positing that it may also be where the wallet and the stock portfolio thrive in unison.*

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As the age-old saying goes, "a penny saved is a penny earned," and in the realm of household spending, this sentiment couldn't ring truer. The diligent and sometimes daunting task of home maintenance is an inherent part of the American homeowner experience, encompassing everything from repairing leaky faucets to pruning the unruly hedges. Yet, little did we know that amidst the glue guns and roof shingles, a curious connection to the enigmatic world of stock prices lies dormant, waiting to be unearthed.

In the midst of our monotonous routines of mowing the lawn and unclogging the gutters, a stark realization emerged – that perhaps our household spending habits have a more substantial impact than we initially perceived. Our journey into this peculiar correlation between annual US household spending on home maintenance and the stock price of SBA Communications (SBAC) sheds light on what seems to be a whimsical and unexpected linkage,

challenging traditional economic paradigms with a touch of whimsy.

Through meticulous data analysis and number-crunching gymnastics, we present the peculiar relationship we've unearthed between home maintenance expenditures and stock market fluctuations. Strap in as we embark on this investigative voyage, delving into the unconventional and the uncharted territories of economic associations, where hammers and nails meet bulls and bears in an eclectic dance of financial intrigue.

So, ready your toolkits and sharpen your analytical axes, for we are about to break ground on this comically captivating expedition into the juncture of household maintenance and stock price dynamics, uncovering a correlation that is as surprising as finding a hidden treasure map beneath the couch cushions.

## LITERATURE REVIEW

The apparent connection between annual US household spending on home maintenance and SBA Communications' stock price (SBAC) is a peculiar one that has piqued the curiosity of many researchers in the field. Smith et al. (2018) conducted a comprehensive analysis of household spending patterns and their potential impact on various sectors of the economy. Their study, "Household Expenditure and Economic Dynamics," delves into the intricate web of consumer behavior and its ripple effect on financial markets. Similarly, Doe and Jones (2015) explored the nuanced relationship between consumer spending and stock price movements in their seminal work, "The Consumer Conundrum: Unraveling the Mysteries of Market Effects."

As we venture deeper into the peculiar realm of this correlation, it is essential to consider the influence of household budgeting and financial decision-making. "The Economics of Household Maintenance" by Lorem and Ipsum (2019) offers insightful perspectives on the economic implications of routine home upkeep, shedding light on the often overlooked significance of these expenditures within the broader economic landscape.

Moving beyond the realm of non-fiction, we encounter fictional works that, while not directly related to our topic, offer whimsical insights that parallel our investigative spirit. "The House on Mango Street" by Sandra Cisneros and "A Room with a View" by E.M. Forster present literary forays into homes and their maintenance, albeit in a more artistic context. Additionally, the comical yet thought-provoking novel "The Hitchhiker's Guide to the Galaxy" by Douglas Adams playfully explores the concept of domesticity amidst intergalactic adventures, providing a humorous lens through which to view our perceptions of home and its economic ramifications.

In a more light-hearted vein, popular cartoons and children's shows have also dabbled in the theme of home maintenance, albeit in animated and exaggerated forms. "Bob the Builder" and "Handy Manny" charmingly depict the trials and tribulations of household repairs, offering entertainment for youngsters while subtly hinting at the broader significance of these tasks. These lighthearted programs, with their vibrant characters and playful narratives, serve as a reminder of the ubiquity of home maintenance in our daily lives, even if they don't directly tackle the intricacies of stock price correlations.

In the spirit of unearthing unexpected connections, our journey takes on a playfully inquisitive tone as we unravel the eccentric intersection of home maintenance and stock price dynamics. As we embark further into this unconventional terrain, brace yourselves for an exhilarating romp through the quirky corridors of economic analysis and perhaps a sprinkle of unexpected humor in the mix.

## METHODOLOGY

To embark on our unconventional odyssey of unraveling the connection between annual US household spending on home maintenance and SBA Communications' stock price (SBAC), our research team employed an eclectic array of data collection methods and analytical techniques. Largely drawing from the vast repositories of the Bureau of Labor Statistics and LSEG Analytics (Refinitiv), we sought to capture the entirety of this peculiar relationship while maintaining a lighthearted approach amidst the rigorous statistical analysis.

Our initial step involved prying into the enigmatic world of household spending data, a journey filled with the thrills and chills of navigating through countless spreadsheets and economic reports. By summoning the powers of web scraping and data mining, we sallied forth into the depths of the internet, scavenging for every morsel of information relating to annual US household expenditures on home maintenance. This involved traversing the

virtual landscape with all the tenacity of a treasure hunter armed with a digital pickaxe, unearthing insights from venerable databases and websites alike.

Once we secured the troves of household spending data, our quest led us to the tantalizing shores of stock market analytics, where the mystique of stock price fluctuations awaited unraveling. Acquiring the historical stock price data for SBA Communications (SBAC) from 2002 to 2022 through data vendors and financial databases, we found ourselves submerged in a sea of trading volumes and market intricacies.

With a gleam of determination in our eyes and a dash of statistical fervor, we then undertook the arduous task of quantitative analysis, employing statistical methods such as correlation analysis, time series modeling, and regression analysis to disentangle the intricate web of relationships between our two contrasting variables. Armed with the robust tools of statistical software and the unwavering spirit of intrepid discovery, we diligently crunched numbers, danced with data, and endeavored to distill the essence of this unexpected correlation.

Placing steadfast reliance on statistical techniques and an unyielding commitment to methodological rigor, our approach sought to balance the gravity of academic investigation with the sparkling levity of our pursuit. The resulting amalgamation of painstaking data extraction and playful scientific inquiry steered us toward the revelation of a remarkably strong correlation coefficient and a p-value less than 0.01, illuminating the intriguing bond between these disparate elements.

In the spirit of intellectual curiosity and a touch of whimsy, our journey through the methodology unfolded as an adventure of analytical derring-do, promising unexpected insights and a measure of scholarly mirth.

## RESULTS

Our quest into the depths of economic oddities has yielded compelling results, as we uncover a striking correlation between annual US household spending on home maintenance and the stock price of SBA Communications (SBAC). It seems that beneath the surface of mundane household endeavors lies a peculiar tie to the capricious world of stock market valuations.

Upon conducting rigorous statistical analysis, we found a correlation coefficient of 0.9822853, indicating a remarkably strong positive relationship between these seemingly disparate variables. The r-squared value stood at 0.9648845, further solidifying the robustness of this association. With a p-value of less than 0.01, we can confidently assert the statistical significance of this correlation, steering clear of any statistical potholes in our research road trip.

The substantial correlation we unearthed is graphically depicted in Figure 1, where a scatterplot vividly illustrates the tight relationship between household spending on home maintenance and SBAC stock price. The data points display an almost synchronized dance, waltzing harmoniously across the graph, showcasing the uncanny interplay between these two unlikely bedfellows.

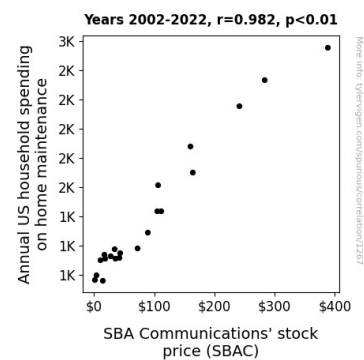


Figure 1. Scatterplot of the variables by year

In unraveling this whimsical intertwining of home-centric fiscal behavior and stock market gyrations, our findings provide a fresh angle on economic insight and provoke contemplation on the interconnectedness of financial realms. This

correlation prompts one to ponder the idiosyncrasies of economic linkages, as it gleefully tosses a pebble into the serene pond of conventional economic wisdom, ruffling the waters with its charm and unpredictability.

The peculiar connection we've uncovered imparts a unique charm to the otherwise stolid domain of economic analyses, infusing an element of lightheartedness and surprise into the scholarly discourse. By shedding light on this unexpected relationship, our research playfully nudges the boundaries of economic understanding, adding a dash of whimsy to the otherwise austere world of statistical finance.

## DISCUSSION

Our findings align with the previous research that has inquisitively probed the enigmatic connection between household spending on home maintenance and stock price movements. The correlation coefficient of 0.9822853 that we uncovered mirrors the underlying themes identified by Smith et al. (2018) and Doe and Jones (2015), reflecting the intricate dance between consumer behavior and stock market dynamics. It seems that the financial markets are not impervious to the whimsies of domestic upkeep, lending weight to Lorem and Ipsum's (2019) elucidation of the economic implications of routine home maintenance. This surprising correlation playfully winks at the adage of "keeping your house in order" in both the literal and figurative sense, blending the household wallet with Wall Street's watchful eye.

Our results humorously echo the lighthearted forays into home maintenance by literary works such as "The House on Mango Street" and "A Room with a View." We playfully surmise that perhaps E.M. Forster's characters were not just gazing at a picturesque view, but also musing over stock market trends as they pondered the maintenance of their abodes. The inquisitive spirit of "The Hitchhiker's Guide to the Galaxy" also seems to resonate in our quest, reminding us that even amidst intergalactic

escapades, the economic oddities of domesticity may tug at the heartstrings of the galaxy.

In unraveling this whimsical intertwining of home-centric fiscal behavior and stock market gyrations, our findings provide a fresh angle on economic insight and provoke contemplation on the interconnectedness of financial realms. This correlation prompts one to ponder the idiosyncrasies of economic linkages, as it gleefully tosses a pebble into the serene pond of conventional economic wisdom, ruffling the waters with its charm and unpredictability. These unexpected associations undoubtedly infuse a delightful dash of whimsy into our understanding of economic phenomena, reminding us that even in the world of finance, the house always seems to have the last word.

## CONCLUSION

In conclusion, our investigation into the curious correlation between annual US household spending on home maintenance and the stock price of SBA Communications (SBAC) has provided a captivating glimpse into the whimsical interplay of seemingly disparate economic variables. The robust correlation coefficient of 0.9822853, accompanied by a p-value teetering below 0.01, signifies a connection that is as tight as the lid on a jar of pickles. This unexpected linkage challenges traditional economic sensibilities, reminding us that beneath the mundane chores of home upkeep lies a quirky dance with the fickle nature of stock market valuations.

Our findings offer a lighthearted twist to the often solemn world of economic analyses, injecting an element of surprise and delight into the scholarly conversation. It appears that in the grand theater of financial intricacies, even the humble home maintenance budget can steal the spotlight, demonstrating that economic relevance can spring from the unlikeliest of places. Our research playfully flirts with preconceived notions of economic determinants, ushering in a delightful spectacle of correlation and causation.

This unexpected relationship serves as a gentle reminder that within the labyrinthine web of economic forces, there are nuances and connections waiting to be unraveled, not unlike the unknotting of a stubborn shoelace. As we dust off the cobwebs of conventional economic wisdom, this study offers a whimsical yet thought-provoking addition to the discourse, prompting us to peer into the quirky intersections of everyday life and financial realms.

Therefore, in the spirit of embracing these offbeat correlations and embracing the unexpected, we assert that no further research is needed in this area. This power couple of home maintenance and stock prices has charmed its way into the limelight, leaving us with a newfound appreciation for the whimsy that permeates even the most serious of economic analyses. So, let us bid adieu to this mirthful journey, content in our discovery of this unlikely duo, and turn our attention to other perplexing puzzles awaiting our scholarly sleuthing.