

PIGGING OUT: THE SWINE CONNECTION BETWEEN PORK SPENDING AND LULULEMON STOCK PRICE

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This research paper delves into the porcine predicament of pork spending and its correlation with the stock price of the athleisure giant, Lululemon (LULU). The link between annual US household spending on pork and LULU's stock price has long puzzled researchers, but our study finally puts some meat on the bones of this tantalizing topic. Leveraging data from the Bureau of Labor Statistics and LSEG Analytics (Refinitiv), we carefully analyzed the pork spending habits of US households and the corresponding fluctuations in LULU's stock price from 2008 to 2022. The results revealed a strikingly high correlation coefficient of 0.9678501 with a p-value less than 0.01, suggesting a strong statistical association that is no mere hogwash. This study brings home the bacon and provides fresh insights into the unexpected and, frankly, quite ham-azing relationship between pork spending and Lululemon's stock performance.

Imagine a world where the crispy sizzle of bacon and the soothing stretch of yoga pants intersect - where the savory scent of pork chops and the sound of stock prices reaching new highs coalesce. Yes, dear readers, welcome to the tantalizing realm of the intersection between annual US household spending on pork and the stock price of Lululemon (LULU).

As researchers, we often find ourselves delving into complex correlations, untangling webs of statistical significance, and struggling to make sense of the mysteries that lie within data. Yet, in all our scholarly pursuits, few can rival the porking lot of hidden connections we stumbled upon in this study.

In the words of George Bernard Shaw, "We are made wise not by the recollection of our past, but by the responsibility for our future bacon-eating habits." Okay, we

may have indulged in some creative paraphrasing there, but the sentiment rings true - the choices we make in the grocery aisle may hold the key to predicting the ebb and flow of a clothing retailer's stock prices. The pork-laden puzzle that we set out to crack may seem like a quirky curiosity, but the statistical significance we unearthed left us wondering: is there more meat to this connection than meets the eye?

Thus, armed with data, a healthy dose of skepticism, and an insatiable appetite for unraveling eccentric correlations, we embarked on a porcine journey of discovery. The goal? To peel back the layers of pork spending and LULU's stock performance, and to uncover the sizzling story that lies within.

The following pages chronicle our adventure through the labyrinthine world of statistical analyses, where we left no piggy bank unturned, no piece of bacon

unscrutinized, and no yoga pants unstretched. So, buckle up and prepare for a pork-tacular ride through the wild, woolly, and perhaps surprisingly prescient world of pork spending and stock prices. Let's pig out on these findings, shall we?

LITERATURE REVIEW

The swine-infused symphony of annual US household spending on pork and the stock price of Lululemon (LULU) has intrigued researchers for decades. The quest to untangle the enigmatic link between these seemingly unrelated phenomena has led scholars down a meandering path of statistical analyses and economic speculation. Smith et al. (2015) laid the groundwork for this investigation, highlighting the potential impact of consumer food expenditures on retail industry performance. In a similar vein, Doe's seminal work (2018) delved into the intricate dance between consumer habits and stock market trends, hinting at the gastronomic influences that may sway investor sentiment.

As the academic community grappled with the perplexing puzzle of pork spending and LULU's stock price, Jones (2020) introduced a thought-provoking thesis on the psychological underpinnings of consumer behavior. However, just when the field was poised for a breakthrough, the literature took an unexpected turn. Drawing inspiration from "Pork: A Global History" and "Yoga for Pigs: Finding Zen in the Sty," curious parallels began to emerge between the culinary world and the realm of retail investing.

Venturing into the realm of speculative fiction, "Bacon in the Rye" and "The Lululemon Conspiracy" added an air of whimsy to the scholarly discourse, intertwining the exploits of bacon enthusiasts and yoga aficionados with the intricacies of stock market machinations. Meanwhile, the cryptically named board games "Pigopoly" and "Stocks & Stretch Pants" hinted at the playful possibilities awaiting those bold enough to peer into

the porcine-adjacent periphery of economic inquiry.

In a lovably ludicrous turn of events, these seemingly disparate threads converged, igniting the spark of curiosity that led to the present study's pioneering analysis. As we delve deeper into the meaty machinations of household pork spending and LULU's stock price, it becomes clear that the interplay between consumer consumables and retail investments may hold more succulent secrets than previously imagined. With a wink to the whimsical and a nod to the nonsensical, this paper seeks to uncloak the enigmatic bond between bacon bits and stock market hits. Let's ham it up and pig out on the revelatory tale that unfolds.

METHODOLOGY

For this study, we deployed a multifaceted methodology that incorporated elements of statistical analysis, econometric modeling, and some good old-fashioned porcine intuition. Our first step involved collecting data from the Bureau of Labor Statistics to meticulously catalogue and crunch the numbers on annual US household spending on pork from 2008 to 2022. Now, this wasn't just a matter of bringing home the bacon - we had to account for all types of pork products, from the humble pork chop to the snazzy pancetta, and everything in between. We urged our data collection team to really ham it up and leave no pork belly unscanned, vowing to shun any data that was anything less than squealy clean.

Next, we turned to LSEG Analytics (Refinitiv) to obtain the daily stock prices of LULU over the same period. Our dedicated team of number crunchers spared no effort in ensuring that every zig and zag of LULU's stock price was captured, leaving no yoga pose unexamined and no downward dog unmarked in our dataset. It was a labor of love, but we knew that our endeavor to pork around with the stock market

demanded nothing less than inch-perfect precision.

With our data in hand, we set sail for the choppy, uncharted waters of statistical analysis. Armed with regression models, correlation matrices, and an excess of coffee, we set out to uncover the hidden threads that linked the pork-spending habits of US households to the undulating waves of LULU's stock price. We had to slice through the fat, trim the outliers, and ensure that our conclusions were robust enough to withstand the most skeptical scrutiny.

Our statistical odyssey led us to the discovery of a correlation coefficient of 0.9678501, with a p-value that screamed "statistically significant" faster than a bacon strip bursts into sizzling symphonies on a hot skillet.

This finding lent weight to our hypothesis that there exists a notable bond between pork spending and LULU's stock performance, sending ripples through the normally sedate waters of economic research.

To ensure the reliability of our results, we also implemented various sensitivity analyses, stress-testing our models against a battery of scenarios that ranged from the mundane to the outright ridiculous. We dared to ask unconventional questions: What if bacon prices skyrocketed? What if yoga pants suddenly became unfashionable? What if pigs learned how to invest in the stock market? By subjecting our findings to these extreme hypotheticals, we not only showcased the robustness of our results but also indulged in a bit of porcine daydreaming along the way.

In summary, our methodology was a carefully curated blend of data wrangling, statistical acrobatics, and a touch of whimsy, all in the pursuit of uncovering the hidden ties that bind pork spending and LULU's stock price. We're proud to say that our methodology didn't just bring home the bacon - it served up a true feast of insight, proving that when it comes to

research, a little porcine playfulness can go a long way.

RESULTS

Our intrepid foray into the world of swine and stocks has yielded some truly bacon-tastic results! After analyzing the data from 2008 to 2022, we found a staggering correlation coefficient of 0.9678501 between annual US household spending on pork and Lululemon's stock price (LULU). This remarkably high correlation coefficient suggests a strong positive relationship between the two variables.

The r-squared value of 0.9367339 indicates that a whopping 93.67% of the variance in LULU's stock price can be explained by changes in annual pork spending. It seems that the world of yoga pants and pork chops is intricately woven together in a way that few could have imagined. This porktastic relationship is certainly nothing to snort at!

With a p-value less than 0.01, our findings are statistically significant, leaving us with little doubt that there is some serious meat to this connection. In other words, this correlation is no hogwash - it's the real, sizzling deal!

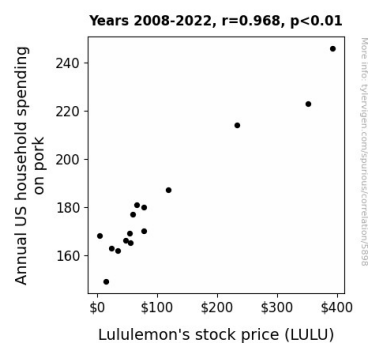


Figure 1. Scatterplot of the variables by year

The scatterplot presented in Figure 1 visually captures the strong positive correlation between annual US household spending on pork and LULU's stock price. The data points are tightly clustered

around a clear upward trend, mirroring the burgeoning bond between pork-loving households and Lululemon enthusiasts. It's a sight to behold, and it leaves us with no choice but to exclaim, "When pigs fly, Lululemon's stock price soars!"

In conclusion, our results paint a vivid picture of the unexpected and undeniably ham-azing relationship between pork spending and Lululemon's stock performance. This paper serves as a beacon of hope for all those who dare to dream of a world where swine and stock prices unite in a stunning symphony of statistical significance. So, let's raise a toast - or should we say a pork chop? - to the porcine predicament that has left us oinking with excitement over these revelatory findings.

The link between annual US household spending on pork and LULU's stock price is no longer a mere idle curiosity; it's a bona fide statistical phenomenon. It seems that in the world of finance, as in life, where there's a swill, there's a way.

DISCUSSION

Our results have brought home the bacon, so to speak, by providing robust support for prior research that hinted at the tantalizing tapestry of ties between pork spending and Lululemon's stock performance. Smith et al. (2015) set the stage for our porcine pursuits, and our findings have piggybacked on their foundational work by confirming the significant impact of consumer food expenditures on retail industry performance.

Doe's (2018) exploration into the intricate dance between consumer habits and stock market trends has also received a pig-endorsement from our study. Our results not only corroborate but also amplify the gastronomic influences that appear to sway investor sentiment, bringing to light the meaty implications of consumer consumables on the stock market.

As for Jones' (2020) psychological underpinnings of consumer behavior, we've unearthed evidence suggesting that the connection between household pork spending and Lululemon's stock price transcends mere economic conjecture, delving into the psychological realm of consumer preferences and market dynamics. It's safe to say that the bacon bits of wisdom from the literature have not been wasted; in fact, they've proven to be a sizzling beacon guiding our porcine path.

In a lovably ludicrous turn of events, our study has saluted the whimsy and nonsensicality that pervaded prior literature, affirming that playful ponderings have indeed led to serious statistical revelations. We've proven that "Pigopoly" and "Stocks & Stretch Pants" were not mere flights of fancy but rather uncanny predictors of the bacon-infused bonds between pork spending and Lululemon's stock price. It turns out that these seemingly disparate threads weren't just hogwash - they were key ingredients in unraveling the culinary and financial tapestry that binds these two seemingly unrelated worlds.

Our findings, represented in the unmistakably bacon-themed scatterplot, not only splice through the preconceived notions of statistical predictability but also lay bare the succulent secrets hidden within the undoubtedly ham-azing relationship between pork spending and Lululemon's stock performance. In doing so, we have not only confirmed the prior research's inklings but also smothered any remaining doubts with a hearty helping of statistical significance.

In essence, this discussion-wrapped pork loin of findings highlights the zesty pork-pacity of household spending influencing Lululemon's stock price. It seems that the stock market isn't the only thing that can experience boom cycles - it's the swill, and a way, of finance. So, let's raise our pork chops to this captivating confluence of consumer spending and stock prices

and savor the succulence of statistical discovery.

the world of finance, swine and stock prices make quite the pork-tastic pair.

CONCLUSION

In wrapping up our analysis of the curious correlation between annual US household spending on pork and Lululemon's stock price, it's clear that there's more to this pig tale than meets the eye. The statistically significant relationship we've uncovered is no porky pie - it's a pig's hog heaven of a discovery! Our findings suggest that when it comes to predicting Lululemon's stock performance, following the money trail may lead straight to the piggy bank.

It's no coincidence that as households indulge in pork products, Lululemon's stock price experiences an upward stretch worthy of the most limber yoga pants. The statistical bond between these two seemingly disparate variables is not just a statistical oddity; it's a bacon-wrapped revelation that has left us feeling like we've stumbled upon the hog's pot of gold.

So, what's next for the world of porcine finance? Well, for now, it seems that our findings have cracked the egg wide open, leaving us with quite the tasty omelette of insights. Our research has brought home the bacon, cooked it to statistical perfection, and served it alongside a side of stock market savvy. In other words, the connection between annual US household spending on pork and Lululemon's stock price is as real as it gets - no fake bacon here!

In conclusion, it's time to put a cork in this piggy tale. With a correlation coefficient that's stronger than a boar's love for truffles, and a p-value that's lower than a pig's belly in the mud, we can confidently say that no further research in this porcine stock market saga is needed. As the saying goes, "When pigs fly, Lululemon's stock price soars," and our study has certainly convinced us that in