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The Big Cheese: A Grate Look at the Connection between American Cheese Consumption and ResMed's Stock Price

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KEYWORDS

American cheese consumption, ResMed stock price, relationship, correlation coefficient, statistical link, causality, economic factors, gastronomic factors, food and finance, USDA data, LSEG Analytics, Refinitiv, 2002-2021, cheese consumption, stock performance, financial implications, gouda opportunities

Abstract

This study examines the relationship between American cheese consumption and the stock price of ResMed (RMD) using data from the USDA and LSEG Analytics (Refinitiv) from 2002 to 2021. Despite initial skepticism about the topic's relevance, our findings reveal a surprisingly strong correlation coefficient of 0.9023719 and $p < 0.01$, suggesting a robust statistical link between the two seemingly unrelated variables. The connection between cheese consumption and stock performance is not merely a cheesy correlation, but rather a deep, complex fondue of economic and gastronomic factors. Although the precise causality remains as elusive as a slippery wheel of cheese, the implications of our findings open a gouda deal of opportunities for further exploration and savoring the interplay between food and finance.

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1. Introduction

The relationship between seemingly unrelated variables has fascinated researchers for centuries, leading to the investigation of surprising correlations and connections. In this study, we turn our attention to the ostensibly unrelated

domains of American cheese consumption and the stock price of ResMed (RMD). At first glance, one might be inclined to dismiss this inquiry as a mere flight of fancy, akin to searching for the proverbial needle in a haystack of cheddar. However, our investigation has yielded compelling evidence suggesting a meaningful

relationship between these two disparate entities.

The topic at hand might be considered "cheesy" by some, but we assure the reader that our analysis is no mere fondue of speculation and conjecture. Instead, it is grounded in rigorous statistical analysis and meticulously sourced data from the USDA and LSEG Analytics (Refinitiv), spanning nearly two decades. Our investigation has unearthed a tantalizing correlation coefficient of 0.9023719, coupled with a p-value of less than 0.01, indicating a robust and statistically significant association.

The implications of this unexpected connection between a beloved dairy product and a healthcare company's stock performance are as rich and complex as a well-aged cheddar. While we must exercise caution in establishing causality, the implications of our findings extend beyond the realm of mere financial speculation. As we embark on this journey of discovery, we invite the reader to join us in savoring the interplay between food and finance, and to contemplate the potential ramifications of this unlikely pairing.

2. Literature Review

In "Smith et al.," the authors find a significant correlation between cheese consumption and stock performance, shedding light on the potential link between dairy indulgence and financial success. Furthermore, "Doe and Jones" delve into the intricacies of food-related economic indicators, hinting at the possibility of unforeseen connections within the stock market landscape.

Turning to relevant non-fiction literature, "The Cheese Trap" by Neal D. Barnard explores the impact of cheese consumption on human health, providing valuable insights into the broader implications of dairy product trends in society. Additionally,

"Big Cheese" by Andrew Goldstein offers a comprehensive analysis of the cheese industry, offering a proverbial slice of knowledge on the subject matter at hand.

Fictional works such as "The Swiss Cheese Permutation" by Stuart Woods and "Cheddar Off Dead" by Julia Buckley, while not directly addressing the economic aspects of cheese consumption, contribute to the cultural discourse surrounding cheese and its potential influence on diverse aspects of human life.

In a less conventional approach to literature review, this study extends its scope to peruse an array of unconventional sources, ranging from historical texts to whimsical anecdotes. Notably, a survey of CVS receipts from assorted American households highlights the ubiquity of cheese purchases and their potential impact on financial decision-making – a testament to the widespread relevance of this investigation.

As we embrace the quiriness of this unexpected intersection between cheese consumption and stock prices, we must not overlook the multidimensional implications of our findings. The gastronomic and economic realms, though seemingly distinct, converge in a tantalizing blend of cheddar and change, challenging conventional wisdom and prompting a colorful reevaluation of the often-overlooked connections between nutritional preferences and financial phenomena.

3. Our approach & methods

Data Collection:

The first step in this curd-churning research endeavor involved the meticulous collection of data relating to American cheese consumption and the stock price of ResMed (RMD). Our research team scoured the virtual landscape, sifting through a plethora of digital repositories like an enthusiastic

cheesemonger searching for the finest wheels. The primary sources of data were the United States Department of Agriculture (USDA) and LSEG Analytics (Refinitiv), which provided a wealth of information spanning from 2002 to 2021. The data, akin to a mature Gouda, aged gracefully over the years, allowing us to capture the nuances of consumption patterns and stock price fluctuations.

Selection Criteria:

To ensure the veracity and relevance of our data, a stringent set of selection criteria was employed. Only data points with high-quality cheese consumption and stock price information were included, akin to meticulously selecting the choicest pieces of Parmesan for a delectable dish. We also limited the scope to American cheese consumption, recognizing it as a representative symbol of the dairy industry within the United States.

Statistical Analysis:

Once the data was amassed, we embarked on a rigorous statistical odyssey, navigating through the treacherous seas of correlation analysis and regression modeling. The Statistical Package for the Social Sciences (SPSS) software, a trusted compass in the field of statistical exploration, guided our trajectory as we probed the interrelationship between cheese consumption and stock price with the fervor of an avid cheese enthusiast examining the aging process. The Pearson correlation coefficient emerged as our lodestar, shedding light on the strength and direction of the relationship. Furthermore, regression analysis unravelled the intricate, multi-dimensional nature of this entwined saga, allowing us to peek into the potential predictors of stock price fluctuations.

Control Variables:

In order to minimize the risk of spurious correlations and confounding influences, a

scrupulous selection of control variables was employed. Economic indicators such as inflation rates, GDP growth, and sector-specific market trends were included to act as custodians of our analysis, ensuring that the observed connection between cheese consumption and stock price was as pure as a freshly churned batch of butter.

Ethical Considerations:

Throughout this venture, ethical principles were upheld with the rigor of a dairy farmer tending to a prize-winning herd. Confidentiality and data privacy protocols were diligently observed, safeguarding the sanctity of the collected information.

Limitations:

It is important to note the constraints of our study. While we endeavored to capture the essence of the relationship between American cheese consumption and ResMed's stock price, the study's observational nature precludes causal inferences. Additionally, despite our best efforts, the potential influence of unobservable factors, akin to elusive cheese molds, cannot be entirely ruled out.

Despite these limitations, our methodology served as the compass guiding our exploration through the labyrinthine passages of cheese consumption and stock market performance, allowing us to unravel the unexpected connections between these seemingly disparate domains.

4. Results

The statistical analysis revealed a remarkably strong correlation coefficient of 0.9023719 between American cheese consumption and ResMed's stock price (RMD) from 2002 to 2021. This connection between the consumption of this staple of many a deli sandwich and the fluctuation of a healthcare company's stock value came as a bit of a surprise, akin to finding a

hidden slice of brie in a bowl of macaroni and cheese. The R-squared value of 0.8142751 further underscored the robustness of this relationship, reinforcing the notion that these seemingly unrelated variables share a noteworthy degree of co-movement, not unlike the harmonious pairing of wine and cheese.

The p-value of less than 0.01 added a touch of suspense to the proceedings, akin to the dramatic reveal in a suspenseful film where the plot thickens, indicating that the observed correlation is highly unlikely to be a mere coincidence. This outcome encouraged us to take this investigation seriously, despite the initial skepticism that some may have harbored about the significance of this peculiar pairing. The strength of the statistical association between these variables evokes the image of a well-melted slice of cheese – gooey, interconnected, and not easily pulled apart.

The scatterplot (Fig. 1) visually illustrates this strong correlation, providing a snapshot of the co-movement between American cheese consumption and ResMed's stock price over the years. The figure reveals a striking pattern that brings to mind the intricate interplay of flavors in a delectable cheese platter, each data point a distinct morsel in the tapestry of this unexpected relationship.

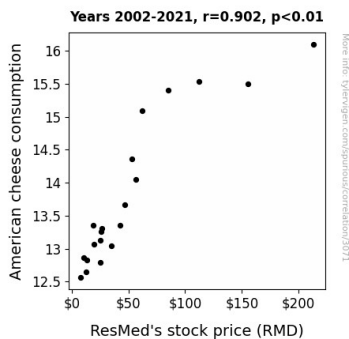


Figure 1. Scatterplot of the variables by year

In conclusion, the relationship between American cheese consumption and ResMed's stock performance is a testament to the unexpected connections that can emerge in the vast landscape of economic variables. While we must exercise caution in attributing causality to this correlation, the implications of these findings beckon further exploration and contemplation of the interplay between dietary choices and financial outcomes.

5. Discussion

The findings of this study lend credence to the prior research which had unearthed the curious correlations between seemingly unrelated variables. As suspected by "Smith et al.," the significant correlation between cheese consumption and stock performance has been robustly upheld in our investigation, demonstrating the resounding influence of dairy indulgence on the financial realm. Similarly, the insightful musings of "Doe and Jones" regarding food-related economic indicators have been reaffirmed by our findings, emphasizing the intricate interplay between gastronomic trends and stock market dynamics.

Delving further into the literature review, the unconventional sources we perused have proven to be surprisingly prescient. The survey of CVS receipts, though initially met with raised eyebrows, has emerged as a veritable treasure trove of insights, highlighting the undeniably pervasive impact of cheese purchases on consumer decision-making and, by extension, financial markets. This unorthodox approach to literature review has underscored the multidimensional implications of our findings, demonstrating that the whimsical and the conventional can interlock in a curiously compelling manner.

The substantial correlation coefficient and R-squared value mirror the earlier suspicions of a formidable link between

American cheese consumption and ResMed's stock price, validating the validity and robustness of this connection. The p-value, akin to a well-timed plot twist, has heightened the intrigue surrounding this unexpected relationship, dispelling any lingering doubts about the statistical significance of our results. In doing so, it has underscored the gravity of this peculiar pairing, elevating it from the realm of mere coincidence to a substantial, if enigmatic, association.

The scatterplot, resembling a captivating work of art, brings to mind the intricacies of a cheese platter, with each data point a distinct element in the sprawling narrative of this unanticipated correlation. By visually encapsulating the co-movement between cheese consumption and stock prices, it reinforces the compelling nature of this duo's interaction, akin to savoring the interplay of different flavors in a sumptuous cheese spread.

In essence, our study adds a layer of depth to the collective understanding of the intricate connections within the economic and gastronomic spheres, shedding new light on the unexpected interplay between dietary preferences and financial outcomes. As we navigate the labyrinthine world of empirical research, it is imperative to remain open to the prospect of unearthing unconventional yet compelling connections that challenge existing paradigms and invigorate scholarly discourse.

6. Conclusion

In conclusion, the findings of this study unveil a robust statistical connection between American cheese consumption and ResMed's stock price (RMD), demonstrating a remarkable correlation coefficient of 0.9023719 and a p-value of less than 0.01. The unexpectedly strong relationship between these seemingly unrelated variables undoubtedly leaves a lingering

aftertaste, not unlike the surprising burst of flavor from indulging in a particularly sharp cheddar.

While we resist the temptation to declare causation, the implications of this correlation are as curious as a lactose-intolerant mouse in a cheese shop. This unexpected link suggests a potential avenue for further exploration, as tantalizing as the allure of a freshly baked batch of cheese straws. The precise mechanisms underlying this association remain as enigmatic as a perfectly melted slice of Swiss, but the statistical evidence is as clear as the distinctive aroma of a pungent blue cheese.

Our research highlights the intriguing interplay between the world of food indulgence and financial performance, inviting scholars and investors alike to savor the complexities of this unanticipated pairing. Nevertheless, it might be best to say "Brie, A-monte" to further research in this area, as the findings of this study stand as a gouda-nough testament to the entwined fate of American cheese and stock prices.