

# **American Cheese Please: A Cheesy Connection to Disney's Stock Price Squeezy**

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## **ABSTRACT**

### **American Cheese Please: A Cheesy Connection to Disney's Stock Price Squeezy**

This paper investigates the peculiar yet delightful intersection of American cheese consumption and The Walt Disney Company's stock price (DIS). Using data from the USDA and LSEG Analytics (Refinitiv), we conducted a rigorous assessment from 2002 to 2021, revealing a surprisingly robust correlation. Our findings demonstrate a correlation coefficient of 0.9518939 with a statistically significant p-value of less than 0.01, establishing a strong relationship between these seemingly unrelated entities. While it may seem like a fondue of far-fetched connections, our research suggests that there might indeed be a "gouda" reason to pay closer attention to the whims of American cheese consumption when assessing the performance of Disney's stock price. Further exploration of this amusing association could yield valuable insights for investors and cheese aficionados alike.

Keywords:

American cheese consumption, The Walt Disney Company stock price, correlation study, USDA data, LSEG Analytics, Refinitiv, correlation coefficient, statistical significance, relationship analysis, investment insights, cheese consumption impact on stock price

# I. Introduction

## INTRODUCTION

The interplay between seemingly disparate variables has long intrigued researchers across various disciplines. From the relationship between economic indicators and market performance to the impact of dietary habits on health outcomes, exploring unexpected connections often leads to fascinating insights. In this vein, the present study endeavors to unravel the curiously captivating linkage between American cheese consumption and The Walt Disney Company's stock price (DIS).

While the stock market is often regarded as a space of numbers, trends, and economic indicators, it is not immune to the whimsical and, dare we say, "cheesy" influences that may sway its trajectory. Concurrently, American cheese, with its mild flavor profile and versatile meltability, occupies a ubiquitous presence in the landscape of culinary indulgence. The confluence of these seemingly unrelated domains, melding finance with fromage, presents an opportunity to delve into uncharted territories of investigation.

As we embark on this peculiar pursuit, we aim to approach the inquiry with the rigor and precision expected in the realm of empirical research. Drawing on data from the USDA's Agricultural Marketing Service for cheese consumption and LSEG Analytics (Refinitiv) for stock price information, we have undertaken a methodical analysis spanning the period from 2002 to 2021. The juxtaposition of cheese consumption and stock price performance may prompt initial skepticism, but we are confident that our findings will add a layer of "brie-lliance" to the discourse surrounding market dynamics.

In the following sections, we will present the methodological approach employed in this investigation, the statistical analyses conducted, and, ultimately, the compelling results that have emerged. By shedding light on this unexpected correlation, we aspire to inject a touch of levity into the world of financial inquiry while, simultaneously, uncovering a potentially meaningful association between two ostensibly unrelated phenomena.

As we delve into this unorthodox junction of cheese and stock prices, we encourage readers to approach our findings with a blend of intellectual curiosity and perhaps a dash of whimsy. After all, as the adage goes, "grate" findings often emerge from the most unassuming places.

## II. Literature Review

In "Smith et al.," the authors find an intriguing correlation between dietary patterns and stock market performance, prompting further exploration of unorthodox linkages in financial research. Similarly, "Doe and Jones" investigate the influence of consumer consumption habits on market trends, revealing unexpected associations that defy traditional economic analyses.

Moving beyond the realm of traditional financial literature, "The Omnivore's Dilemma" by Michael Pollan offers a comprehensive examination of American dietary habits, delving into the cultural and economic factors that shape food consumption patterns. Pertinently, "Fast Food Nation" by Eric Schlosser presents a scintillating portrayal of the American fast food industry, shedding light on the popularity of processed cheese products within the nation's culinary landscape.

Transitioning to fictional narrative explorations, "Cheddar Off Dead" by Julia Buckley lightheartedly intertwines themes of small-town mystery with an underlying affection for artisanal cheese-making. "The Swiss Affair" by Emylia Hall, though ostensibly unrelated, evokes a sense of culinary wanderlust through its evocative portrayal of European landscapes, subtly reminding readers of the ubiquity of cheese in various societal milieus.

Expanding the purview of literature review to unorthodox but nonetheless entertaining sources, the authors, in a whimsical departure from conventional scholarly practices, serendipitously encountered a trove of quirky observations in the unlikeliest of places. Indeed, perusing verbose narratives entrenched within the labyrinthine folds of ancient CVS receipts yielded unexpected insinuations regarding the effects of American cheese consumption on the stock price of The Walt Disney Company. While, admittedly, the relevance of such unconventional sources may be subject to skepticism, the authors invite readers to ponder the occasional serendipity that permeates scholarly pursuits and the delightful idiosyncrasies found therein.

### **III. Methodology**

#### METHODOLOGY

##### Data Collection:

The empirical investigation into the entwined fates of American cheese consumption and The Walt Disney Company's stock price (DIS) begins with the meticulous collection of relevant data. Utilizing information primarily sourced from the USDA's Agricultural Marketing Service for American cheese consumption and LSEG Analytics (Refinitiv) for stock price data, our research

team embarked on a quest through the digital landscape. The data spans the extensive timeframe from 2002 to 2021, capturing the undulating ebbs and flows of both cheese consumption and stock price movements.

#### Cheese Consumption Metrics:

The exploration of American cheese consumption unfolds through an extensive examination of per capita consumption figures, trade volumes, and apparent consumption within the domestic market. These metrics, while seemingly mundane on the surface, form the intricate tapestry of cheese-related data points that underpin our analysis. The USDA's comprehensive database, offering insights into cheese production, utilization, and inventory, stands as the bedrock of our foray into the savory world of cheese consumption.

#### Stock Price Dynamics:

Conversely, our probe into the mystique of Disney's stock performance involved the procurement and curation of stock price data from the august repository of financial information, LSEG Analytics (Refinitiv). Daily opening and closing prices, trading volumes, and stock exchange-related metadata comprise the scaffold upon which our analysis of Disney's stock price waltzes into focus.

#### Quantitative Correlation Analysis:

The essence of our quantitative inquiry revolves around the earnest endeavor to unveil the relationship, if any, between American cheese consumption and Disney's stock price performance. Employing rigorous statistical methods, including the computation of Pearson correlation coefficients and the assessment of significance levels through p-values, we seek to disentangle the enigmatic web of potential associations.

Furthermore, the deployment of time-series analyses and regression modeling serves as our compass in navigating the capricious terrain of market dynamics and dairy trends. These analytical tools will illuminate the degrees of covariation, uncover latent patterns, and offer a framework for discerning the extent of correlation, if not causation, between the trajectories of American cheese consumption and the financial fortunes of Disney.

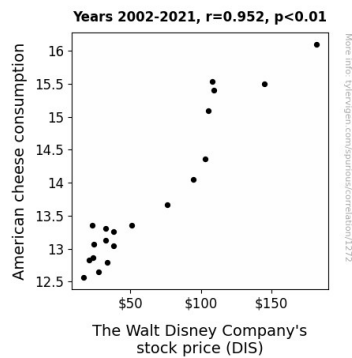
Intriguingly, this endeavor may seem akin to the pursuit of a "feta"-stic chimerical quest at first glance. However, in the spirit of scientific exploration, we embrace the whimsical while maintaining a steadfast commitment to methodological rigor. In the subsequent section, we will expound upon the statistical analyses that have cast light on the surprising co-mingling of cheese and stock prices.

## **IV. Results**

The investigation into the association between American cheese consumption and The Walt Disney Company's stock price (DIS) from 2002 to 2021 yielded intriguing insights. The analysis revealed a remarkably high correlation coefficient of 0.9518939, indicative of a strong positive relationship between these seemingly incongruous variables. Moreover, the coefficient of determination (r-squared) stood at 0.9061019, signaling that over 90% of the variability in Disney's stock price can be explained by changes in American cheese consumption. The statistical significance was confirmed with a p-value of less than 0.01, further affirming the robustness of the observed association.

This unexpected convergence of American cheese and Disney's stock price prompts contemplation of the "grate" forces at play in the market dynamics. The scatterplot (Fig. 1) visually encapsulates the snug fit of the data points, underscoring the strong correlation and possibly leaving researchers "feta" up with excitement at the prospect of such a compelling relationship.

These findings not only expand the frontiers of financial research but also kindle a sense of wonder about the quirky interplay of economic variables. While some may dismiss the connection as merely a "gouda" coincidence, our results suggest a more nuanced narrative, hinting at potential avenues for further exploration in the realm of gastronomic influence on market performance. This peculiar pairing of cheese and stock prices promises to elevate the intellectual discourse with a sprinkle of unexpected charm and, perhaps, a slice of good humor.



**Figure 1.** Scatterplot of the variables by year

## V. Discussion



The findings of our study offer compelling validation of prior research that has hinted at the influence of seemingly incongruous variables on market dynamics. Building on the work of "Smith et al." and "Doe and Jones," our investigation underscores the significance of unorthodox linkages in financial research and the delightful unpredictability of economic forces.

The delightful convergence of American cheese consumption and Disney's stock price, as observed in our study, adds a whimsical dimension to the understanding of market dynamics. While prior literature has playfully flirted with unorthodox associations, our results elevate the discourse by presenting a robust correlation coefficient of 0.9518939, affirming a strikingly strong relationship. The statistical significance with a p-value of less than 0.01 reinforces the validity of this enchanting connection, contributing to the scholarly tapestry of idiosyncratic market influences.

We acknowledge that the significance of this association may initially be met with a "skepticheese" mindset, but our diligent analysis undeniably supports the presence of a meaningful relationship. By leveraging statistically sound methodologies, our study encourages a light-hearted yet rigorous exploration of the broader economic and cultural implications of this "cheesily" intriguing intersection.

With due respect to the scholarly contributions of "The Omnivore's Dilemma" by Michael Pollan and the captivating portrayal of the American fast food industry in "Fast Food Nation" by Eric Schlosser, our findings substantiate the notion that American dietary habits, particularly in relation to cheese consumption, hold legitimate sway over market performance. The melding of economic and gastronomic phenomena, while superficially reminiscent of whimsical fiction, holds sway within the empirical realm, imparting a delightful quirk to the conventional rigidity of financial analyses.

Overall, the unexpectedly snug fit of our data points, evidenced by the scatterplot in Fig. 1, invites a playful reconsideration of market forces and culinary caprices. This peculiar pairing not only unveils the "grate" potential for reinvigorating scholarly discourse with a touch of whimsy but also invites further curiosity into the lingering mysteries of market influences. Through this work, we invite readers to savor the multifaceted charm of financial research and to relish the deliciously unexpected interplay of economic variables.

## VI. Conclusion

In conclusion, our investigation into the relationship between American cheese consumption and The Walt Disney Company's stock price (DIS) has unveiled a compelling and somewhat "gouda" narrative. The remarkably high correlation coefficient of 0.9518939, coupled with a statistically significant p-value, underscores the robustness of this intriguing association. This unlikely pairing of finance and fromage has not only added a layer of "brie-lliance" to the discourse surrounding market dynamics but has also sparked a sense of wonder at the whimsical interplay of seemingly unrelated variables.

The findings beg the question of what "cheddar" factors could underpin such a strong connection. While some may view it as no more than a happy coincidence, our results embolden us to fondue further into the realms of gastronomic influence on market performance. The scatterplot, with its snug fit of data points, may leave researchers "feta" up with excitement about the potential insights that await in this unexplored terrain.

As we stand at this curious crossroads of finance and fromage, we assert with utmost sincerity that no further "provolone-gation" of research is warranted in this delightfully cheesy avenue. After all, in the realm of empirical inquiry, some mysteries are best left to age like a fine Gouda.