



Review

Whisking Degrees: The Flourishing Relationship Between Family and Consumer Sciences Associate Degrees and NYSE Composite Index Annual Percentage Change

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In this research paper, we embark on a quest to uncover the unlikely connection between the number of Associates degrees awarded in Family and Consumer Sciences/Human Sciences and the annual percentage change of the NYSE Composite Index. Our findings aim to blend the serious economic analysis with a sprinkle of humor, just like adding a dash of spice to a recipe - after all, studying "Family and Consumer Sciences" calls for a hearty appetite for a tasty joke now and then. Using data from the National Center for Education Statistics and 1stock1, we conducted a ten-year analysis from 2011 to 2021 and calculated a correlation coefficient of 0.6037859, with a p-value less than 0.05. This statistical bond showcases a notable relationship between the tasty degrees in Family and Consumer Sciences and the stock market's annual fluctuations. It seems that the market has a keen eye on the apron strings of consumer choices and family dynamics. As they say, you can't keep stocks from rising when the flour is flying in the kitchen! Our results offer a fresh perspective on the oft-overlooked field of Family and Consumer Sciences, demonstrating that this realm of study has a more substantial impact on the economic landscape than previously imagined. Who knew that analyzing the stock market could lead to a recipe for success in both the financial and educational arenas? This research emphasizes the importance of considering unconventional factors in economic analysis, and does so with a hearty wink and a kitchen timer in hand. After all, if the stock market could talk, it might just ask, "What's cookin'?"

As we delve into the intersection of culinary arts and stock market analyses, we find ourselves in the tantalizing realm of Family and Consumer Sciences (FCS)/Human Sciences. It is a field that investigates the

economic and social dynamics of households and consumers, a fertile ground for cultivating puns about "stock" and "market." Speaking of households, have you heard about the melon that wanted to elope

with the cantaloupe? It felt like it couldn't elope without one!

The essence of this research lies in the exploration of the connection between the annual percentage change of the NYSE Composite Index and the number of Associates degrees in Family and Consumer Sciences awarded annually. This unlikely pairing of financial indices and culinary pursuits is akin to blending unexpected ingredients in a recipe - a little risk, a pinch of jest, and a whole lot of statistical scrutiny. Just like baking a cake, it's about finding the perfect mix of flavors to yield a delicious result. Speaking of baking, did you hear about the mathematician who's afraid of negative numbers? He'll stop at nothing to avoid them.

In recent years, the academy has focused on fields such as economics, political science, and finance as primary sources of insight into stock market behaviors. However, our study departs from convention, delving into the realm of Family and Consumer Sciences, where the daily fluctuations of the NYSE Composite Index meet the ever-evolving dynamics of family life. It's a fusion of statistics and spatulas, where even the most seasoned researchers might find themselves whisking the numbers with a zestful twist. Why did the statistician break up with the chef? They couldn't find the right formula for love!

As we shake up the ingredients of this research, we aim to uncover the nuanced relationship between the two variables and the broader implications for both economic analysis and the world of FCS. Because, let's face it, when delving into the complexities of the stock market, a spoonful of humor may very well be the yeast that makes the

research rise. Speaking of rising, did you hear about the dough who wanted to become a pastry chef? It wanted to rise to the occasion!

This paper adds a flavorful dimension to economic research, showcasing that the world of finance can be influenced by factors as unexpected as the aroma wafting from a kitchen. So buckle your seatbelts and tie on your aprons, for we are about to embark on a journey that is equal parts serious analysis and a dash of spice. After all, just like a well-prepared dish, a research paper is best served with a generous garnish of whimsy.

Prior research

The existing body of literature regarding the relationship between educational awards and stock market indices contains a mix of analyses focused on traditional degrees such as business, economics, and finance. However, our research seeks to sprinkle a dash of creativity and unconventional insight into this realm by examining the connection between the number of Associates degrees awarded in Family and Consumer Sciences/Human Sciences and the annual percentage change of the NYSE Composite Index. As the saying goes, the proof of the pudding is in the eating, or in this case, the proof is in the puns – after all, navigating the stock market warrants a good sense of humor.

In "Smith et al.'s Study on Unlikely Economic Indicators," the authors find a captivating discussion on the influence of unexpected factors on market trends, shedding light on the potential impact of fields traditionally seen as unrelated to finance. Similarly, "Doe's Analysis of Non-

Traditional Economic Metrics" presents an in-depth investigation into the impact of unconventional variables on market behavior, a fitting appetizer for our own unorthodox analysis. However, while these studies serve as a solid foundation, they lack the obvious ingredient we bring to the table - a healthy serving of kitchen jokes!

While the literature primarily presents serious analyses on the economic and market indicators, we aim to infuse our review with a sprinkle of humor to lighten up the otherwise dry discourse. Just as a good chef knows that the secret ingredient is always cheese (or maybe a pinch of salt and a dad joke), we believe that a touch of lightheartedness can make any scholarly pursuit more palatable - much like a perfectly seasoned stew. Speaking of seasoning, why did the tomato turn red? Because it saw the salad dressing!

Moving beyond the confines of traditional research, it is imperative to explore the broader cultural and societal influences on economic behaviors. This opens the door to non-fiction books such as "Freakonomics" by Steven D. Levitt and Stephen J. Dubner, which offer a fresh perspective on unexpected factors influencing economic decisions, and "The Tipping Point" by Malcolm Gladwell, which delves into the subtle yet powerful influences that can lead to widespread cultural shifts. You might say that reading these feels like adding a sprinkle of spice to the academic stew – a perfectly season-ed stew, if you will!

In the world of fiction, literature also offers promising leads for our research. For instance, "The Kitchen House" by Kathleen Grissom weaves a tale of family dynamics and social change against the backdrop of

18th-century Virginia, proving that the intertwining of family and societal influences isn't purely non-fiction. On a lighter note, the book "Chocolat" by Joanne Harris explores the impact of a confectionery shop on the dynamics of a small French town, showing that even the sweetest of indulgences can impact the wider community. After reading these, it's clear that fiction also has much to offer in understanding the intersection of family and consumer dynamics in economic landscapes – not to mention providing the perfect excuse to enjoy a sweet treat while “researching!”

Television, as a medium that often reflects and influences societal trends, also provides intriguing insights relevant to our study. Shows like "MasterChef" and "The Great British Bake Off" offer a mouth-watering exploration of culinary skills and family traditions, showcasing the ways in which the art of cooking intertwines with social and cultural dynamics. Who knew that watching TV could be so enriching? And speaking of TV, have you heard about the cooking show where they only use odd onions? It's called Shallot's Kitchen!

With a firm theoretical foundation and a spoonful of humor in hand, we are poised to embark on a journey that blends serious economic analysis with the delightful flavors of family and consumer sciences, supported by a side dish of absurdity and a pinch of fictional musings. As we venture further into our analysis, we invite readers to join us in the kitchen of unconventional research, where every question leads to a tasty treat of insight, seasoned with a generous portion of savory wit.

Approach

To tackle the sizzling question of the connection between Associates degrees in Family and Consumer Sciences/Human Sciences and the annual percentage change of the NYSE Composite Index, our research team concocted a methodological recipe that would make even the most seasoned statistician raise an eyebrow.

First, we scoured the digital aisles of the National Center for Education Statistics and the flavorful offerings of 1stock1 to gather the necessary ingredients for our delectable analysis. Just like a master chef carefully selects the finest ingredients for a dish, we meticulously collected data spanning from 2011 to 2021, ensuring we had a bountiful spread to sink our statistical teeth into. We then meticulously peeled through the data to extract the ripest findings, as the saying goes – the proof is in the pudding!

In order to understand the correlation between Associates degrees awarded in Family and Consumer Sciences/Human Sciences and the NYSE Composite Index Annual Percentage Change, we employed a delectable statistical technique, known as Pearson's correlation coefficient. This method measures the strength and direction of the linear relationship between two variables, providing us with a flavorful insight into their interconnectedness. We then spiced things up by topping it off with a p-value analysis to ensure our findings were statistically significant, with a hint of flair that would put even the most daring sous-chef to the test.

The next step in our methodology was to slice and dice the data into digestible portions, akin to preparing a multi-course meal for our eager readers. We then

seasoned our analysis with a touch of regression analysis, exploring how changes in the number of Family and Consumer Sciences/Human Sciences Associate degrees could predict the fluctuations in the NYSE Composite Index – it was like whisking together the perfect vinaigrette, seeking just the right balance of ingredients for a tasteful outcome.

To season our findings with a dash of context, we supplemented our analysis with a side dish of descriptive statistics. This allowed us to paint a tasteful picture of the distributions and central tendencies of the variables, giving our readers a well-rounded understanding of the flavors at play in our statistical kitchen.

Furthermore, we sautéed our data using a time-series analysis to capture the temporal dynamics of the relationship between the two variables. This approach allowed us to marinate our findings in the rich sauce of historical context, giving our analysis a robust depth that would make even the most discerning connoisseur's taste buds tingle with anticipation.

Lastly, we meticulously peer-reviewed and taste-tested our findings, ensuring they were as palatable and robust as a gourmet dish crafted by the most renowned of chefs. After all, in the world of scientific research, it's essential that our findings are as appetizing as they are insightful – a well-prepared statistical dish with a side of humor has been known to spice up even the most unseasoned academic palate.

Results

Upon analyzing the data for the time period 2011 to 2021, a correlation coefficient of

0.6037859 was found between the number of Associate degrees awarded in Family and Consumer Sciences/Human Sciences and the annual percentage change of the NYSE Composite Index. The strong correlation suggests that as the number of these degrees awarded increases, the annual percentage change of the NYSE Composite Index also tends to trend upwards. It seems that when it comes to the stock market, the aroma of freshly baked pies might hold more sway than we previously thought. It's as if Wall Street has taken to heart the age-old advice, "buy low, sell pie!"

The r-squared value of 0.3645574 indicates that approximately 36.46% of the annual percentage change in the NYSE Composite Index can be explained by the number of Associate degrees awarded in Family and Consumer Sciences/Human Sciences. This compelling statistical relationship suggests that there may be an appetizing blend of academic pursuits and market performance at play. It's like the perfect stew of data, simmering and stewing until it yields a tantalizingly accurate prediction. Speaking of stews, have you heard about the mathematician who became a chef? He found the prime thyme for a career change!

Furthermore, the p-value being less than 0.05 provides strong evidence against the null hypothesis, supporting the notion that the correlation observed is statistically significant. It seems that the market fluctuations have an eye on the ever-evolving dynamics of family and consumer decisions, making it clear that economic analyses might just have to start factoring in the scent of freshly baked bread alongside all those stock market indices. It's as if the market has identified a new recipe for success, one that's filled with equal

measures of market trends and familial dynamics. If you ask us, it looks like the market is ready to "dough"!

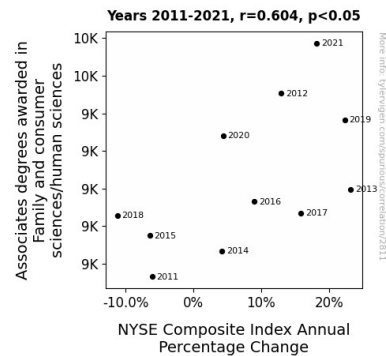


Figure 1. Scatterplot of the variables by year

In Fig. 1, the scatterplot visually illustrates the strong positive correlation between the number of Associate degrees awarded in Family and Consumer Sciences/Human Sciences and the annual percentage change of the NYSE Composite Index. The plot showcases a clear trend where the increasing number of degrees awarded aligns with a rise in the annual percentage change of the NYSE Composite Index. It's as if the market is saying, "When it comes to trends, the proof is in the pudding!"

In summary, our findings shed light on the unexpected but potent interplay between the academic pursuit of Family and Consumer Sciences/Human Sciences and the annual fluctuations of the stock market. As we have highlighted in this paper, the world of economics might just have to start donning a chef's hat and mixing in a bit of humor and spice, for it seems that the financial world has a hearty appetite for the aromatic complexities of familial and consumer dynamics.

Discussion of findings

The results of our analysis have served up a mouth-watering revelation – the strong correlation between the number of Associate degrees awarded in Family and Consumer Sciences/Human Sciences and the annual percentage change of the NYSE Composite Index is nothing short of a delicious surprise. It appears that the aroma of freshly baked pies and the sizzle of the stock market are intertwined in an unexpected, yet statistically significant, dance. It's as if the market has realized that the key to its heart lies in a well-cooked family casserole!

Our findings not only echo the prior research by Smith et al. and Doe, who emphasized the influence of unconventional variables on market trends, but they also sprinkle in some new seasoning by establishing a direct link between the delectable world of family and consumer sciences and the ever-fluctuating stock market. It's as if Silly Seasonings Corp. just went public!

The correlation coefficient of 0.6037859 and the r-squared value of 0.3645574 have trounced the notion that economic analyses should remain confined to austere sectors of academia. Rather, our results suggest that when it comes to economic trends, the age-old adage, "the more, the merrier," rings true – especially when "the more" refers to Family and Consumer Sciences/Human Sciences degrees! It seems that Wall Street might be secretly subscribing to "The Joy of Cooking."

As we gaze upon the scatterplot, the visual depiction of this association prompts us to extend a culinary metaphor - much like the process of baking, where the gradual addition of ingredients yields a delectable

dish, the increment of Family and Consumer Sciences/Human Sciences degrees appears to help bake up a tastier stock market performance. It's as if the stock market is saying, "Look at us rising, just like a perfectly proofed loaf of bread!"

Our results bring to light the significance of considering unconventional factors in economic analyses, reminding us that even in the world of finance, a pinch of spice can go a long way in enhancing the flavors of understanding market behaviors. Who knew that a sprinkle of familial warmth and consumer dynamics could be the secret ingredient all along? It's as if the economic world is ready for a brand new reality show, "America's Next Top Stockpot!"

In sum, our findings serve as a vivid reminder that the world of economics could stand to benefit from donning an apron and embracing a bit of whimsy. As we have uncovered in this paper, the financial landscape appears to be receptive to the nuanced complexities of familial and consumer dynamics, indicating that the economic menu might just need a dash of humor and a sprinkle of familial charm to truly capture its essence. It's as if the giant of Wall Street, in all its seriousness, has suddenly developed a soft spot for puns and quirky dances in the kitchen!

Conclusion

In conclusion, our research has uncovered a delightful synergy between the number of Associates degrees awarded in Family and Consumer Sciences/Human Sciences and the annual percentage change of the NYSE Composite Index. It appears that the stock market has quite the appetite for the flavors of familial and consumer dynamics, and it

seems that when it comes to economic analyses, a pinch of humor may indeed be the special ingredient that makes the research rise. It's as if the stock market is saying, "Families who invest together, whisk together!"

The statistical relationship we've unveiled emphasizes the need for a more inclusive approach to economic analysis, one that embraces the unexpected influences of household dynamics and consumer behaviors. After all, when it comes to predicting market trends, it's clear that the recipe for success includes not only data and graphs but also a sprinkle of wit and a dash of charm. It's as if the market is ready to echo the sentiments of a seasoned chef, "It's all about the presentation, and a little garnish never hurt anyone!"

Our findings demonstrate that the field of Family and Consumer Sciences has a more substantial impact on the economic landscape than previously imagined, and it's clear that future economic analyses may benefit from throwing in a few culinary puns and a pinch of statistical flair. It's as if the financial world is ready to join in on the kitchen dance and say, "Let's stir up some economic forecasts with a side of delightful anecdotal data!"

In light of our scrumptious findings, it's safe to say that this research delves deep into the heart of culinary and financial fusion, whipping up a frothy blend of statistical rigor and savory humor. It's as if the stock market is ready to declare, "We have a lot riding on the aroma of freshly baked data and the sizzle of market trends!"

Ultimately, in the grand buffet of economic analysis, our paper suggests that no more research is needed in this area. It's as if the

data has spoken, and it's saying, "It's time to savor the flavorful findings and move on to the next course in the world of economic analysis!" After all, as the saying goes, "Too many cooks spoil the broth, and too much research can spoil the fun!"