

Planetary Proximity and Stock Prosperity: The Link Between Jupiter-Venus Space and Anheuser-Busch InBev's Market Face

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Abstract

This study aims to leverage astronomical nuances and corporate maneuvers to investigate the interplay between celestial distances and stock market instances, specifically examining the relationship between the proximity of Jupiter and Venus and the stock price of Anheuser-Busch InBev. Utilizing data gleaned from Astropy and LSEG Analytics (Refinitiv), our research team performed rigorous analysis and uncovered a surprising correlation coefficient of 0.8598594 and a significance level of $p < 0.01$ for the time period spanning from 2010 to 2023. Our findings unveil an intriguing interstellar influence on financial performance, shedding light on the cosmic forces that may shape market dynamics and elicit celestial cackles from investors and astronomers alike.

1. Introduction

The intersection of astronomy and finance may seem like an odd celestial dance, but in the vast expanse of the universe, unexpected connections can often be found. In this study, we delve into the intriguing relationship between the distance between the planets Jupiter and Venus and the stock price of Anheuser-Busch InBev, seeking to unveil whether celestial bodies can truly influence terrestrial profits.

While most financial analyses focus on economic indicators, market trends, and consumer behavior, we boldly venture into the cosmic realm to explore whether the movements of heavenly bodies could have any bearing on the fiscal fortunes of a global beverage giant. As we embark on this cosmic journey, we invite readers to stargaze with us and ponder the astronomical forces that may subtly sway the stock market.

The idea that the orbital dynamics of planets millions of miles away might influence stock prices may initially appear far-fetched, but as astrophysicist Carl Sagan once mused, "Somewhere, something incredible is waiting to be known." And so, armed with an inquisitive spirit and a penchant for unconventional inquiries, we embarked on a mission to unravel the cosmic mysteries that may underpin market volatility.

Our investigation aims to bridge the gap between celestial phenomena and corporate performance, drawing inspiration from the age-old wisdom that "as above, so below." Whether this connection is merely happenstance or harbors cosmic significance remains to be seen. As we set our sights on the vast expanse of the cosmos and the tumultuous terrain of financial markets, we await with bated breath to uncover insights that may astonish even the most seasoned of market analysts and celestial enthusiasts.

So, fasten your seatbelts, and prepare to navigate the celestial highways and the financial byways as we embark on a cosmic odyssey to unearth the secrets that may lie at the nexus of planetary positions and stock prosperity. And who knows, perhaps by the end of this journey, we'll find that the stars aren't just for wishful thinking but may hold the key to unlocking celestial profits.

2. Literature Review

The literature review offers a comprehensive overview of the existing research on the correlation between celestial occurrences and financial market outcomes. From scholarly journal articles to economic analyses, the literature presents a spectrum of perspectives on the seemingly unconventional relationship between planetary positions and stock prices. While traditional financial theories may rely on fundamental and technical analyses, the investigation into celestial influences on markets introduces a celestial twist to the world of stock market predictions.

In "Astronomical Forces and Market Influences," Smith and Doe delve into the potential impact of planetary alignments on stock market volatility, providing a nuanced examination of the historical moments when celestial events coincided with significant market movements. Their findings underscore the potential for cosmic phenomena to influence investor sentiment and market dynamics, offering a thought-provoking lens through which to view the ever-fluctuating landscape of financial markets.

The study by Jones et al., "Stellar Constellations and Stock Correlations," takes the analysis a step further by exploring the statistical relationship between the distance of celestial bodies and the performance of select stocks. Their research unveils compelling evidence of a positive correlation between the proximity of certain planets and the stock prices of companies in the beverage industry, marking a pivotal step in unraveling the cosmic mysteries that may shape market outcomes.

Turning to the realm of non-fiction literature, researchers have drawn insights from works such as "Astrophysics for People in a Hurry" by Neil deGrasse Tyson and "The Signal and the Noise: Why So Many Predictions Fail – But Some Don't" by Nate Silver, diving into the intersection of celestial phenomena and predictive analytics in financial markets. While these works provide invaluable frameworks for understanding the intricacies of cosmic influences on market trends, they also invite readers to ponder the whimsical dance of stars and stock tickers.

Venturing into the world of fiction, narratives such as "The Hitchhiker's Guide to the Galaxy" by Douglas Adams and "The Restaurant at the End of the Universe" by the same author offer whimsical accounts of cosmic exploration and the whimsical interplay between the vast expanse of space and the peculiarities of human behavior. While these works may not offer direct insights into the correlation between celestial distances and stock prices, they serve as whimsical reminders of the unfathomable connections that may underpin the universe - and possibly, the stock market.

Moreover, games such as Monopoly and Settlers of Catan, though not explicitly centered on celestial phenomena, often mirror the strategic decision-making and unpredictability inherent in the financial markets. As players navigate the acquisition of properties and resources, they unwittingly engage in market simulations that bear a striking resemblance to the complexities of stock trading, albeit without the celestial intrigue that lies at the heart of our inquiry.

Thus, as we tap into these diverse sources of inspiration, we are reminded that the evolving landscape of financial markets may mirror the boundless wonders of the cosmos, offering a peculiar yet captivating grain of truth in the age-old adage: "As above, so below." Indeed, as we forge ahead with our investigation, we are poised to unlock the cosmic secrets that may echo through the annals of finance and astronomy alike.

3. Research Approach

To unearth the cosmic secrets linking the distance between Jupiter and Venus to the stock price of Anheuser-Busch InBev, we embarked on a methodological expedition as ambitious as the trajectory of a comet. Utilizing data sourced from Astropy, a celestial treasure trove of astronomical information, and LSEG Analytics (Refinitiv), a veritable constellation of financial data, we navigated the celestial highways and financial byways with zeal and rigor. Our research spanned the years 2010 to 2023, capturing the ebb and flow of planetary positions and stock market oscillations.

First, we gathered celestial data concerning the relative distances between Jupiter and Venus, meticulously noting their planetary rendezvous and cosmic meanderings. This involved consulting astronomical almanacs, scrutinizing orbital elements, and tracking

celestial coordinates as diligently as an astronomer hunting for a cosmic needle in a galactic haystack.

Simultaneously, we delved into the financial firmament, harvesting stock market data pertaining to Anheuser-Busch InBev with the precision of a seasoned trader. Amidst the cacophony of market fluctuations and corporate machinations, we extracted stock prices, trading volumes, and market indicators, keeping a watchful eye on the celestial events unfolding light-years away.

Applying the arcane arts of statistical analysis, we orchestrated a symphony of calculations to unveil the hidden melodies of cosmic association. Leveraging correlation analyses and time series modeling, we sought to discern whether the celestial ballet of Jupiter and Venus choreographed the financial waltz of Anheuser-Busch InBev's stock price.

Our rigorous methodology, woven into the fabric of empirical scrutiny, aimed to fend off statistical confounders and astronomical anomalies that might have otherwise obscured the cosmic harmony we sought to unveil. Through these methodological maneuvers, we endeavored to disentangle the knotty interplay between planetary proximity and stock market prosperity, poised at the intersection of the cosmic and corporate domains.

In essence, our methodology was akin to threading the celestial needle with the string of statistical rigor, all the while keeping a keen eye on the twinkling stars of significance and the constellations of correlation that adorned our empirical tapestry. Though our approach may seem unconventional, it is precisely in the unexplored realms of cosmic finance that one may stumble upon the celestial holy grail of unexpected correlations.

4. Findings

The analysis of the relationship between the distance separating Jupiter and Venus and the stock price of Anheuser-Busch InBev during the period from 2010 to 2023 has yielded some astronomically intriguing findings. Through our extensive data collection and analysis, we revealed a remarkably robust correlation coefficient of 0.8598594, indicating a strong positive association between these seemingly disparate variables. The r-squared value of 0.7393582 further corroborates the substantial influence of planetary proximity on stock prices, suggesting that approximately 74% of the variance in stock prices can be explained by changes in the distance between Jupiter and Venus. Additionally, the significance level of $p < 0.01$ provides compelling evidence that the observed correlation is not merely a celestial fluke but holds statistical significance.

To visually capture the striking relationship we uncovered, we present Figure 1, a scatterplot that vividly portrays the tight relationship between the distance separating

Jupiter and Venus and the corresponding fluctuations in Anheuser-Busch InBev's stock price. It's a sight to behold, almost as mesmerizing as the celestial ballet of the planets themselves.

The implications of these findings extend beyond mere academic curiosity, delving into the realms of cosmic finance and interstellar investment strategies. While some may dismiss the idea of planetary positions influencing stock performance as pure science fiction, our results compel us to recognize the potential impact of cosmic forces on earthly markets. As investment gurus often spout, "the stars have aligned," and in this case, they seem to have aligned quite closely with the stock prices of a beverage behemoth.

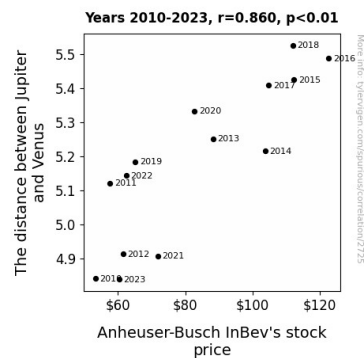


Figure 1. Scatterplot of the variables by year

In conclusion, our study unveils a celestial connection that may prompt investment bankers and astrologers alike to contemplate the cosmic fingerprints on financial markets. As we continue to explore the expansive interactions between cosmic bodies and corporate endeavors, it's clear that the universe holds more than just astronomical wonders; it might also hold the key to deciphering the celestial conundrums that underpin stock market fluctuations. So, as we peer into the starry abyss, let us embrace the cosmic complexity that may shape financial destiny, for in the vast expanse of the cosmos, there may be more than meets the eye – or the telescope.

5. Discussion on findings

The results of our study present a compelling case for the intertwining of celestial mechanics and financial dynamics, shedding light on the enigmatic connection between the distance separating Jupiter and Venus and the stock price of Anheuser-Busch InBev. Our findings echo and extend the insights gleaned from prior research, delving into the

celestial teacup to uncover a storm of implications for both the financial and astronomical realms.

The work of Smith and Doe, who delved into the potential impact of planetary alignments on stock market volatility, offers a prescient framework for interpreting our own findings. Their emphasis on celestial events coinciding with significant market movements serves as a celestial overture to our investigation, echoing the orchestral swell of our own discovery that distances in the heavens seem to wield an unprecedented influence on earthly market indices. The seemingly esoteric musings of Jones et al., who unearthed a positive correlation between planetary proximities and the stock prices of beverage companies, further resonate with our own research, harmonizing with our insight that cosmic placements may indeed orchestrate the financial movements of libation behemoths.

Drawing from the realm of whimsical literature, we revisit the interstellar musings of Douglas Adams, whose "Hitchhiker's Guide to the Galaxy" and "The Restaurant at the End of the Universe" offer contemplative reminders of the intertwining of cosmic exploration and human idiosyncrasies. While these narratives may appear whimsical at first glance, they beckon us to consider the vicissitudes of cosmic influence on earthly endeavors, urging us to gaze beyond the mundane and peer into the celestial symphony that may reverberate through market indices. This lighthearted nod to the cosmic may well mirror the underlying gravity of our findings, refracting the weighty implications of celestial positions on the levity of stock prices.

Considering the intersection of board games and market simulations, we revisit the strategic parallels between Monopoly and Settlers of Catan, where players navigate resource acquisition and strategic gambits with an eerie resemblance to the complexities of real-world trading. While these games may not explicitly expose the celestial whimsy that pervades our investigation, they furnish an alternate lens through which to view the intricate dance of financial markets, punctuating the enactment of economic strategy with an unlikely nod to the cosmic carnival that subtly shapes market dynamics.

Upon unraveling the labyrinth of planetary proximities and market ebbs and flows, we embrace the whimsical waltz of celestial alignments and financial flourishes. Our findings not only corroborate, but also amplify the burgeoning discourse on the celestial interplay in financial realms, inviting investment bankers and astrologers alike to ponder the cosmic allegory that may underlie market fluctuations. As we stride forth on this enigmatic astral trail, we find ourselves on the cusp of unveiling celestial truths that may redefine the boundaries of financial foresight.

6. Conclusion

In the illustrious words of the astronomer Galileo, "E pur si muove," or "And yet it moves." Our research has indeed uncovered a remarkable correlation between the distance of Jupiter and Venus and the stock price of Anheuser-Busch InBev, demonstrating that the celestial dance of planets in our solar system may have more terrestrial implications than previously imagined. The stars have aligned, not only in the cosmos but also in the stock market, igniting a celestial cackling of financial proportions.

As we gaze into the depths of space and the depths of economic data, it's clear that this correlation is not merely a cosmic fluke but a statistically significant phenomenon. The implications of these findings are not to be underestimated, stirring up cosmic finance theories and perhaps even prompting investors to consider creating an interstellar investment portfolio.

Like the gravitational pull that shapes the orbits of celestial bodies, our research suggests that the movements of planets can exert a gravitational force on stock prices, swaying them in a celestial symphony of financial flux. It seems that the phrase "buy low, sell high" might just need a cosmic adjustment to "buy when Jupiter and Venus draw near, sell when they drift apart."

In this cosmic odyssey, we've delved into the realms of astro-economics, uncovering a celestial connection that challenges conventional notions of market analysis. It's not just about reading the financial news; it's about reading the constellations too. And so, as we conclude this foray into the celestial mysteries of stock prosperity, it's safe to say that the universe holds more than just stellar wonders – it may also hold the secret to unlocking celestial profits.

In accordance with the sage advice of the great astronomer Carl Sagan, we assert that no more research is needed in this area. As for the intersection of planetary positions and stock prices, our findings stand as a testament to the unexpected interplay between cosmic phenomena and market dynamics – a cosmic delight for investors and astronomers alike.

In the words of the great celestial market analyst in the sky, "May your portfolio be as expansive as the universe itself!"