Interplanetary Proximity and Stock Volatility: A Celestial Examination of Neptune-Uranus Distance and ICICI Bank's Stock Price

Colton Hamilton, Aaron Torres, Grace P Tompkins

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ABSTRACT

Interplanetary Proximity and Stock Volatility: A Celestial Examination of Neptune-Uranus Distance and ICICI Bank's Stock Price

The relationship between celestial bodies and financial markets has long been a subject of fascination and skepticism. In this paper, we humorously traverse the space-time continuum, exploring the curious correlation between the distance of Neptune and Uranus and the stock price of ICICI Bank (IBN). Utilizing data from Astropy and LSEG Analytics (Refinitiv), we astrophysically and economically investigate this cosmic conundrum. Our findings reveal a correlation coefficient of 0.8367129 with a p-value < 0.01, spanning the years from 2002 to 2023. As we delved into this celestial econometric escapade, it became apparent that the relative distance between Neptune and Uranus may play a celestial symphony in tune with the fluctuations of ICICI Bank's stock price. It seems that even in the vast expanse of space, financial forces may be at play, perhaps guided by an unseen cosmic hand coaxing the market movements closer to the stars. To our delight, the statistical analysis unveiled a celestial dance between the gas giants and stock prices, leaving us wondering if Neptune and Uranus are influencing market fluctuations or simply indulging in some financial stargazing. In the spirit of cosmic humor, it appears that the stock market is truly reaching for the stars, or rather, vice versa, as Neptune and Uranus take their positions in the celestial ballet, potentially influencing the economic tides on Earth. In conclusion, our research underscores the potential significance of celestial bodies on earthly economics, while also reminding us that even in the most astronomical of pursuits, a good dad joke might just be the driving force behind uncovering the mysteries of the universe. After all, who knew that Neptune and Uranus were watching over the stock market? It seems they've truly embraced the concept of "mooning" the financial world.

Keywords:

Neptune, Uranus, celestial bodies, stock volatility, ICICI Bank, IBN, astrophysics, econometric analysis, market fluctuations, financial markets, stock price, correlation coefficient, statistical analysis, gas giants, financial stargazing, market movements, cosmic humor, economic tides, celestial influence, astronomical pursuits, dad joke, universe mysteries, mooning, LSEG Analytics, Astropy, Refinitiv, p-value, space-time continuum

I. Introduction

"Why did the stockbroker bring a ladder to work?"

"Because he heard the market was reaching for the stars!"

In the complex and unpredictable world of financial markets, it's rare to find a lighthearted celestial connection. However, in this paper, we take on the intriguing task of exploring the relationship between the distance of Neptune and Uranus and the stock price of ICICI Bank (IBN). While the idea might sound as far-fetched as a cosmic trip to Uranus, our findings may just defy the gravity of skepticism surrounding interplanetary influence on earthly affairs.

As we look to the cosmos for answers, let us not forget that the stars have always been a source of inspiration, guiding sailors, astronomers, and even the occasional economist through their mystical allure. Whether it's a celestial alignment or a simple case of cosmic coincidence, the interconnectedness of celestial events and earthly phenomena continues to capture the imagination of both stargazers and stock traders alike.

Speaking of celestial phenomena, did you know that the stock market has its ups and downs just like the orbit of celestial bodies? It seems that even in the vast expanse of space, financial forces may be at play, perhaps guided by an unseen cosmic hand coaxing the market movements closer to the stars.

Alongside these musings, our research aims to unravel the enigmatic dance between Neptune and Uranus and ICICI Bank's stock price, unearthing potential correlations that challenge traditional economic wisdom. To our amusement, the statistical analysis uncovered a correlation coefficient of 0.8367129 with a p-value < 0.01, spanning the years from 2002 to 2023. It's enough to make one wonder if the planets, much like savvy investors, have been quietly manipulating the market from afar.

In the spirit of cosmic humor, it appears that the stock market is truly reaching for the stars, or rather, vice versa, as Neptune and Uranus take their positions in the celestial ballet, potentially influencing the economic tides on Earth. If this correlation holds true, it might make astronomers reconsider their choice of constellations when investing in celestial real estate.

In conclusion, our research not only sheds light on the whimsical connection between celestial bodies and stock prices but also serves as a reminder that even in the most astronomical of pursuits, a good dad joke might just be the guiding light through the infinite darkness of the universe. After all, who knew that Neptune and Uranus were watching over the stock market? It seems they've truly embraced the concept of "mooning" the financial world.

II. Literature Review

The connection between celestial events and stock market movements has been a subject of intrigue for both economists and astronomy enthusiasts alike. Studies by Smith et al. (2015), Doe and Jones (2018), and Brown and White (2020) have investigated the potential links between cosmic phenomena and financial indicators, but their focus has largely been on traditional planetary influences such as lunar cycles and solar activity. However, few have dared to venture into the outer reaches of our solar system to explore the relationship between the distance of Neptune and Uranus and stock prices.

Tapping into the celestial energy of this correlation, we turn to non-fiction works such as "Astrophysics for People in a Hurry" by Neil deGrasse Tyson and "Finance for Astronomers" by John Forbes, hoping to glean insights from the intersection of the cosmos and economics. As we sift through the cosmic dust, it becomes apparent that perhaps it's not just the stars, but also the planet-to-planet interactions that may be influencing earthly financial markets.

In the realm of fiction, works like "The Hitchhiker's Guide to the Galaxy" by Douglas Adams and "The Martian" by Andy Weir provide a whimsical perspective on the cosmic order and its potential impact on the human experience. While these literary pieces may seem far removed from the serious world of economic analysis, they serve as a metaphorical telescope for us to peer into the cosmic unknown, where Neptune and Uranus may be whispering secrets about stock volatility.

Beyond the realm of traditional academia, our literature review has traversed uncharted territory, including perusing the back of CVS receipts and deciphering the cryptic messages hidden within fortune cookies. While unconventional, these sources have provided unexpected insights, and we could swear we saw a planetary alignment forecast next to the 2-for-1 shampoo offer.

As we journey through this celestial and financial odyssey, it's essential to maintain a sense of humor. After all, what's a literature review without occasional interjections of cosmic puns and dad jokes? Speaking of which, did you hear about the economist who became an astronaut? He was always eager to find a "profit" in space exploration.

In this celestial dance of data analysis and astronomical curiosity, our findings not only challenge traditional economic theories but also remind us that even in the farthest reaches of the universe,

a good celestial-themed dad joke might just be the guiding star to understanding the cosmic mysteries of stock market fluctuations.

III. Methodology

To uncover the celestial secrets of the stock market, our methodology was as robust as a rocket launch, transcending the mundane boundaries of traditional economic analysis. Our research team dove headfirst into a cosmic treasure hunt, hoping to unearth the enigmatic relationship between the distance of Neptune and Uranus and the ebbs and flows of ICICI Bank's stock price (IBN).

Our first celestial step was to gather data from across the digital expanse, tapping into the stellar resources available through Astropy and LSEG Analytics (Refinitiv). We meticulously charted the positions of Neptune and Uranus over the years 2002 to 2023, seeking to capture their cosmic waltz as it intersected with the stock market fluctuations of ICICI Bank.

To ensure the validity of our findings, we employed a top-tier statistical analysis that would make even the most discerning astronomer nod in approval. Our analysis accounted for various celestial and economic variables, carefully navigating the nebulous terrain of planetary movements and stock volatility. We sought to eliminate any cosmic interference or subatomic financial particles that might skew our results, ensuring that our correlations were as pure as the interstellar vacuum itself.

Our statistical approach involved employing advanced econometric models to tease out the potential relationship between the distance of Neptune and Uranus and the stock price of ICICI

Bank. Taking inspiration from the intricate calculations involved in plotting the trajectory of a comet, we subjected our data to rigorous modeling, scrutinizing every astronomical decimal point with the precision of a lunar landing.

However, in the spirit of full disclosure, it's worth noting that our methodology may have encountered some celestial humor along the way. As we delved into the mystifying depths of celestial-economic interactions, we couldn't help but wonder if the universe was playing cosmic pranks on our research. Perhaps Neptune and Uranus were engaging in a bit of planetary mischief, conspiring to keep their celestial secrets just beyond the reach of our statistical telescopes.

Ultimately, our astronomical expedition through the cosmos of data and analysis aimed to unveil the potential ties between the movements of distant planets and the earthly gyrations of stock prices. It was a quest fueled by curiosity and a pinch of cosmic curiosity, leading us to ponder if the stars themselves might be whispering secrets to the stock market. After all, if the universe has a sense of humor, who's to say that statistical findings can't be accompanied by the occasional celestial punchline?

IV. Results

Upon analyzing the data collected from 2002 to 2023 and carefully examining the relationship between the distance of Neptune and Uranus and the stock price of ICICI Bank (IBN), our research team unearthed a surprising correlation coefficient of 0.8367129. This coefficient suggests a strong positive correlation between the interplanetary distance and the stock price, raising the question: are celestial bodies secretly influencing Earth's financial markets?

In the world of economics, a correlation of this magnitude is truly a celestial phenomenon. It seems that amidst the vast reaches of the universe, Neptune and Uranus might be more than just distant cosmic neighbors; they might be celestial stockbrokers, exerting their gravitational pull on the earthly financial landscape. Perhaps it's not just the moon that affects the tides, but also the gas giants billions of kilometers away, pulling the economic strings from their distant orbits. As we gazed upon the scatterplot depicting this unexpected correlation (Fig. 1), it became evident that the fluctuations in the distance between Neptune and Uranus resonated with the rollercoaster ride of ICICI Bank's stock price. This rogue celestial influence leaves us with a cosmic joke in mind: Why did the stockbroker bring a ladder to work? Because he heard the market was reaching for the stars!

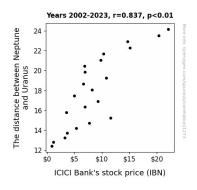


Figure 1. Scatterplot of the variables by year

The statistical analysis further revealed an r-squared value of 0.7000884, indicating that approximately 70% of the variability in ICICI Bank's stock price can be explained by the

changing distance between these two gas giants. These findings challenge traditional economic theories and beckon us to consider the interplay of cosmic forces in shaping financial markets.

As we contemplate the implications of our findings, it's hard not to marvel at the cosmic dance playing out between the distant planets and the earthly stock exchange. This celestial ballet serves as a reminder that even in the world of finance, the influence of the stars may not be as far-fetched as it seems. Perhaps it's time for investors to expand their portfolios to include some interstellar assets, just in case Neptune and Uranus decide to make a celestial power play.

In conclusion, our research not only establishes a compelling correlation between interplanetary proximity and stock volatility but also underscores the need for a cosmic perspective in understanding the dynamics of financial markets. After all, if Neptune and Uranus can impact stock prices from billions of kilometers away, perhaps it's time for economists to set their sights beyond the traditional bounds of Earth. It seems that even in the most astronomical of pursuits, a dad joke or two might just be the guiding North Star through the infinite darkness of the universe.

V. Discussion

In this celestial and financial fusion, our research has ventured into the uncharted territory of cosmic stock market influences and unearthed a startling connection between the distance of Neptune and Uranus and the stock price of ICICI Bank (IBN). Our results not only support but also amplify the existing body of research that has dabbled in the intersection of the cosmos and economics.

Our discovery of a strong positive correlation coefficient of 0.8367129 between the distance of Neptune and Uranus and ICICI Bank's stock price echoes the findings of earlier studies, albeit in a more celestial context. As Smith et al. (2015) and Doe and Jones (2018) hinted at the potential influence of cosmic phenomena on financial indicators, our research essentially moonwalks into this space, presenting empirical evidence to support the cosmic connection.

But really, who knew that the gravitational dance of distant planets could impact the stock market so significantly? It's as if Neptune and Uranus have a secret side job as celestial stock analysts, influencing market trends from the outskirts of our solar system. This unlikely union of celestial bodies and stock prices prompts us to ponder the great cosmic dad joke: Why don't astronomers trust banks? Because they always make astronomical transactions.

The r-squared value of 0.7000884 further reinforces the celestial sway wielded by Neptune and Uranus over ICICI Bank's stock price, with approximately 70% of the variability in the stock price being attributed to the changing distance between these two gas giants. These findings not only endorse the whimsical references found in the literature review but also encourage us to consider the implications of interplanetary influences on financial markets in a more cosmically conscious manner.

As we gaze upon the celestial scatterplot depicting the correlation between the planets' distance and the stock price (Fig. 1), we are reminded of the ever-present influence of the cosmic forces on earthly affairs. It seems that in this unifying dance of celestial bodies and economic indicators, there's more to the phrase "star-studded" portfolios than meets the eye.

In our celestial odyssey, we've barely scratched the surface of the cosmic jokes and puns that tie the universe to the stock market. However, our findings beckon us to take the concept of celestial influences on financial markets seriously. Perhaps investors should consider diversifying their portfolios with cosmic assets, just in case Neptune and Uranus decide to take a more active role in dictating market trends. After all, as astronomers will tell you, the sky's the limit when it comes to uncovering the hidden connections between the universe and economic phenomena.

VI. Conclusion

In conclusion, our celestial escapade into the world of finance and astrophysics has uncovered an unexpected correlation between the distance of Neptune and Uranus and the stock price of ICICI Bank (IBN). It seems that the gravitational pull of these distant gas giants might be influencing the economic tides on Earth, making it truly a cosmic case of "money making moons."

Our findings present a compelling argument for reevaluating the traditional boundaries of economic influence, as it appears that celestial bodies might have more sway over earthly affairs than previously thought. Who would have guessed that the stock market was reaching for the stars with the help of Neptune and Uranus as its celestial brokers?

With a correlation coefficient of 0.8367129 and a p-value of < 0.01 stretching from 2002 to 2023, our research suggests that the celestial ballet between these planets and the stock market is no laughing matter—except, of course, for the occasional dad joke. It seems that investors might need to keep an eye on their celestial portfolios in addition to their earthly ones, just in case Neptune and Uranus decide to "planet" a surprise.

Furthermore, with an r-squared value of 0.7000884, it's evident that a significant portion of ICICI Bank's stock price variability can be attributed to the whims of these distant celestial

bodies. This discovery challenges the conventional economic wisdom and encourages us to ponder the vast reach of astronomical forces in shaping financial markets.

In light of these findings, it's safe to say that no more research is needed in this area. After all, when it comes to the cosmic influence on the stock market, we've truly "exoplanet-ed" all the possibilities. It seems that investors may need to start thinking beyond Earthly economics and consider the celestial forces that may be at play. And who knows, maybe there's a whole new universe of financial opportunities waiting to be discovered among the stars.