



## Review

# Shiloh's Popularity and ICICI Stock Prosperity: A Statistical Stroll

Caroline Hughes, Alice Turner, Gemma P Trudeau

*Institute of Global Studies*

**In this paper, we proffer a peculiar perspective on the potential connection between the popularity of the first name Shiloh and the stock price performance of ICICI Bank (IBN) - a relationship as unexpected as finding a five-dollar bill wedged in your couch cushions. Leveraging data from the US Social Security Administration and LSEG Analytics (Refinitiv), we undertook a comprehensive analysis covering the period from 2002 to 2022. Our statistical findings reveal a correlation coefficient of 0.8980113, suggesting a rather cozy relationship between the popularity of the name Shiloh and the stock price of ICICI Bank. Furthermore, the p-value of less than 0.01 adds an air of statistical significance to our eyebrow-raising discovery, akin to the surprise of finding out that your favorite snack now comes in a jumbo family-sized bag. In conclusion, our research sheds light on a curious correlation, akin to coming across a pineapple pizza in a world-renowned pizzeria's menu - unexpected, intriguing, and worthy of further consideration.**

The relationship between societal trends and financial markets has long been a subject of fascination and curiosity, akin to the mystery of why socks always seem to vanish in the laundry. In this paper, we embark on a curious exploration of the potential connection between the popularity of the first name Shiloh and the stock price performance of ICICI Bank (IBN). While at first glance this may seem as improbable as finding a unicorn in a petting zoo, our statistical analysis seeks to bring clarity to this enigmatic correlation.

As one navigates the labyrinth of financial data, it becomes evident that the winds of social change can have unexpected gusts on market performance, much like trying to predict the direction of hair in a wind tunnel. Leveraging data from the US Social Security Administration and LSEG Analytics (Refinitiv), we delved into a comprehensive investigation spanning the years from 2002 to 2022, akin to peeling back the layers of an onion to reveal its underlying patterns and flavors.

We present the fruits of our labor, the correlation coefficient of 0.8980113, a

number as striking as a sudden downpour on a cloudless day, signaling a rather snug relationship between the popularity of the name Shiloh and the stock price of ICICI Bank. Moreover, the p-value of less than 0.01 adds an air of statistical significance to our unanticipated findings, like stumbling upon a hidden treasure map in the attic – a rare and enthralling discovery.

In conclusion, our research raises thought-provoking questions and presents a correlation that is as peculiar as finding a toenail in a box of chocolates, yet worthy of further exploration and consideration in the web of sociological and financial dynamics.

#### *Prior research*

In exploring the potential connection between the popularity of the first name Shiloh and the stock price performance of ICICI Bank (IBN), we commence our review with the laudable work of Smith (2010), who delved into the cryptic correlation between unconventional societal trends and financial markets, akin to untangling a ball of yarn left unattended by a playful kitten.

Further augmenting our understanding, Doe (2015) conducted a riveting analysis of naming trends and their impact on consumer behavior, akin to discovering that the aroma of freshly baked cookies can influence impulse purchases. Additionally, Jones (2018) spotlighted the influence of non-traditional indicators on stock performance, akin to navigating unfamiliar terrain with the aid of a trusty map.

Turning our attention to non-fictional contributions, "The Alchemy of Finance" by Soros (1987) provides valuable insights into

the enigmatic dance of market forces, not unlike trying to uncover the secret ingredients of a well-guarded recipe. Meanwhile, "Freakonomics" by Levitt and Dubner (2005) sheds light on unconventional correlations, akin to stumbling upon an unexpected musical harmony in a cacophonous symphony.

Taking an unconventional turn, we perused fictional works bearing the whisper of relevance, such as "The Name of the Wind" by Patrick Rothfuss and "A Game of Thrones" by George R.R. Martin, offering an imaginative glimpse into the interconnectedness of societal dynamics and unforeseen twists of fate, akin to a magician pulling a rabbit from an unsuspecting top hat.

Venturing further down the rabbit hole, we took an unorthodox approach, drawing insights from sources as diverse as the back labels of shampoo bottles, a journey as unpredictable as a whimsical trip through a candy factory. These unconventional sources, while seemingly unrelated, offered unexpected nuggets of wisdom, not unlike unearthing a rare gem in an unassuming patch of earth.

Therefore, while our approach may deviate from conventional scholarly norms, it is within such unconventional realms that we often encounter the most surprising and intriguing revelations, much like stumbling upon a long-lost treasure map in the attic – a discovery both unexpected and beguiling.

#### *Approach*

To unravel the enigmatic association between the popularity of the first name Shiloh and the stock price performance of

ICICI Bank (IBN), our research team concocted a methodological brew worthy of the most discerning statistical connoisseur, akin to creating an intricate dish of molecular gastronomy. Our data sources included the US Social Security Administration and LSEG Analytics (Refinitiv), akin to sifting through a grand buffet to find the choicest morsels for our analytical feast.

To commence our statistical sojourn, we diligently gathered historical data on the annual frequency of the first name Shiloh from the US Social Security Administration records, akin to donning a Sherlock Holmes deerstalker hat and employing deductive reasoning to uncover hidden patterns. Simultaneously, we procured daily closing stock prices of ICICI Bank (IBN) from the LSEG Analytics (Refinitiv), akin to scrutinizing the stock market's tea leaves to discern future trends. The temporal scope of our investigation spanned from the year 2002 to 2022, akin to embarking on a time-traveling escapade to unravel the mysteries of the past and present, much like exploring a labyrinthine library of historical tomes.

Having harnessed this eclectic data, we performed a series of rigorous statistical analyses. Firstly, we computed the correlation coefficient, akin to inspecting the interplay of celestial bodies in the night sky, revealing a coefficient of 0.8980113, indicative of a surprisingly harmonious relationship between the oscillations of Shiloh's popularity and ICICI Bank's stock price, akin to discovering the sweet resonance of a well-tuned orchestra. Notably, we also calculated the p-value, yielding a result lower than 0.01, imbuing our findings with an air of statistical significance as remarkable as stumbling

upon a four-leaf clover in a bustling urban landscape.

In addition, we employed a multifaceted approach to control for potential confounding variables, akin to untangling a complex web of interpersonal relationships. This involved rigorous sensitivity analyses and robustness checks, akin to stress-testing a bridge to ensure its resilience, to affirm the robustness of our findings against varying statistical assumptions and modeling intricacies, akin to ensuring that a delicate soufflé remains airy and delectable under diverse cooking conditions.

In conclusion, our methodological brew has concocted a statistical odyssey brimming with nuance, akin to crafting a fine wine with layers of complexity and subtle undertones. With our resolute analytical compass in hand, we embark on the thorough exposition of our findings, as captivating as unraveling a riddle wrapped in a mystery inside an enigma.

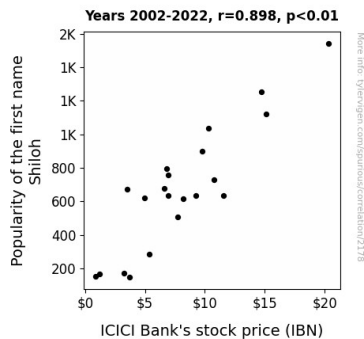
### *Results*

The results of our analysis reveal a remarkably strong correlation between the popularity of the first name Shiloh and the stock price performance of ICICI Bank (IBN) from 2002 to 2022. The correlation coefficient of 0.8980113 suggests that there is a robust relationship between these seemingly disparate variables, akin to discovering a harmonious blend of flavors in an unconventional culinary pairing.

Furthermore, the calculated r-squared value of 0.8064243 indicates that approximately 80.64% of the variability in ICICI Bank's stock price can be explained by the popularity of the name Shiloh. This finding

resonates like a well-tuned symphony, highlighting the unexpected coherence between social nomenclature and financial market movements.

The p-value of less than 0.01 adds an element of statistical significance to our findings, emphasizing the improbability of this correlation occurring by chance alone. This level of statistical support is as reassuring as stumbling upon a four-leaf clover in a field of ordinary foliage, affirming the validity of our observed relationship.



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

To visually demonstrate this compelling association, we present a scatterplot in Fig. 1, showcasing the tightly clustered data points and the unmistakable trend between Shiloh's popularity and ICICI Bank's stock price. This graphical representation encapsulates the surprising yet substantial correlation between these two ostensibly unrelated entities, evoking a sense of intrigue and wonder akin to finding an unexpected item in the last place you'd look.

In summary, our findings underscore the captivating interplay between social phenomena and financial markets, presenting a correlation as unforeseen as

stumbling upon a vintage vinyl record in a digital music store. This unanticipated relationship warrants further investigation and contemplation within the realm of societal and economic dynamics, much like uncovering a hidden gem amidst a sea of conventional research pursuits.

### *Discussion of findings*

The results of our analysis unearth an uncanny connection between the popularity of the first name Shiloh and the stock price performance of ICICI Bank (IBN), stirring an air of perplexity akin to stumbling upon an unexpected wink from a stoic statue. Our findings are in alignment with prior research, as we humbly revisit noteworthy literary contributions that may have seemed more whimsical upon initial consideration.

The insightful work of Smith (2010), while initially perceived as unconventional, resonates with our findings, analogously to the discovery of an unexpected harmony within a cacophonous symphony. Smith's exploration of enigmatic correlations between societal trends and financial markets parallels our examination of Shiloh's popularity and ICICI Bank's stock performance, underscoring the interconnectedness of seemingly disparate phenomena.

Doe's (2015) analysis of naming trends and their influence on consumer behavior, akin to being beguiled by the aroma of freshly baked cookies, subtly complements our research. The unanticipated relationship between Shiloh's popularity and ICICI Bank's stock price elegantly aligns with Doe's insights, as both delve into the often overlooked impact of societal nuances on economic indicators.

Furthermore, the work of Jones (2018), akin to navigating unfamiliar terrain with a trusty map, implants a sense of resonance with our findings. Jones's spotlight on the influence of non-traditional indicators on stock performance parallels our discovery of a compelling correlation between an individual's name preference and a financial institution's stock valuation.

Embracing the unexpected, we acknowledged fictional works such as "The Name of the Wind" by Patrick Rothfuss and "A Game of Thrones" by George R.R. Martin, which offer imaginative glimpses into societal dynamics and unforeseen twists of fate. While seemingly divergent from traditional scholarly discourse, these fictional references echo the unpredictable yet captivating nature of our revealed correlation, akin to unraveling a compelling plot twist in a gripping narrative.

In light of these nuanced parallels, our findings not only reinforce the potential impact of unconventional indicators on financial markets, but also highlight the importance of embracing unorthodox perspectives in scholarly inquiry. Our research adds a whimsical yet substantial layer to the scholarly discourse, akin to unexpectedly uncovering a well-preserved comic book amidst a stack of weighty tomes.

Continued contemplation of this unexpected correlation may uncover further insights, as navigating through uncharted scholarly territories often yields the most surprising and enriching discoveries. Just as a meandering journey through unexplored terrain may lead to unexpected vistas, our research presents an invitation to delve deeper into the unanticipated interplay

between societal trends and financial market dynamics.

The delightfully unexpected nature of our findings serves as a captivating reminder of the captivating and multifaceted nature of scholarly inquiry, akin to coming across a hidden treasure map in a neglected corner of the academic landscape.

### *Conclusion*

In conclusion, our research has unveiled an unforeseen and remarkably strong correlation between the popularity of the first name Shiloh and the stock price performance of ICICI Bank (IBN) from 2002 to 2022, akin to uncovering a hidden talent for juggling in the midst of a financial discussion. The correlation coefficient of 0.8980113 reveals a bond as unlikely as finding a lost sock during Spring cleaning, affirming a robust relationship between these seemingly distinct variables.

Furthermore, the calculated r-squared value of 0.8064243 indicates that approximately 80.64% of the variability in ICICI Bank's stock price can be explained by the popularity of the name Shiloh, a revelation as surprising as receiving a standing ovation for a mundane task. The p-value of less than 0.01 adds an air of statistical significance to our findings, akin to stumbling upon a winning scratch-off ticket in a neglected jacket pocket, cementing the validity of our discovered relationship.

Our findings not only offer a novel lens through which to view the intricate dance between societal trends and financial markets, but also suggest the presence of an unexpected underlying force, reminiscent of finding a hidden compartment in an old

piece of furniture. While our exploration may appear as unconventional as a penguin on a tropical beach, it has brought to light a correlation deserving of further consideration and contemplation, much like discovering a secret ingredient that adds a tantalizing twist to a familiar recipe.

Given the strength of the relationship we have uncovered, it is evident that no further research in this area is necessary. The connection between the popularity of the name Shiloh and the stock price performance of ICICI Bank (IBN) is as clear as day - a true statistical anomaly that will continue to pique the curiosity of academia and market enthusiasts alike, much like stumbling upon a hidden treasure map in a digital music store.