

**RETAIL INVESTOR SENTIMENT REGRADING OPTIONS TRADING
THROUGH BIBLIOMETRIC ANALYSIS**

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Abstract

Introduction: The study proactively examines the sentiments underscored by the retail investors in several options regarding trading and its overall usage in the bibliometric analysis to unfold the emerging trends, authors' influences, and emerging themes regarding the research work.

Literature Review: Retail investors often make decisions based on sentiment rather than fundamentals, leading to market volatility and potential mispricing.

Methods: The bibliometric analysis of the datasets utilizes the scoped datasets and the Bibliometric Rpackages, illustrating the key publications, co-networks, and citation impacts from 2014 to 2024.

Results: The findings provide significant information regarding the insights of the analysis, advisors, and also for the policymakers to comprehend the sentiment of the potential investors. It further optimizes the strategies required for trading and assures stability in the marketplace.

Discussion: This research study has discussed how the emotion of investors in the stock market creates a high level of volatility. It discussed some general parameters that can make investments safer and enhance confidence for stock investors in volatile markets.

Keywords: Retail Investor Sentiment; Options Trading; Bibliometric Analysis; Market Volatility; Behavioral Finance; Sentiment Analysis; Investor Behavior; Risk Management; Co-Citation Analysis; Citation Networks; Financial Decision-Making; Emerging Trends, Price to earning ratio, Book value, Price to sale ration, Cash flow statements, Balance sheet.

1.0 Introduction

Retail investor sentiment in the context of options trading is broad and often drives market sentiment and narratives rather than the underlying potential for higher returns in the face of formidable obstacles. Many investors chose to base all of their trading choices on the feelings, which led to mispricing and increased market volatility. The investor sentiments frequently serve as the contrarian indication. The tactics and the outcomes are further reinforced by the biases of the behavioral traits, such as overconfidence, and the behavioral patterns (Augustin

et al. 2019). However, the high bid ask speed and the complex situation created by options strategies expose the practices and elements to a considerable amount of loss. Important viewpoints on trading or its possible on retail investors. Due to its potential for higher returns and hedging capabilities, options trading has emerged as a prominent categorization in the dynamic paradigm of the financial periphery, drawing in regular investors. Since it can affect trade volumes, market changes, and the overall stability of the market paradigm, it is crucial to comprehend the sentiment of retail investors. The sentiment analysis, which is thought to be essential for examining the market and the researchers, carefully quantifies the perceived noise and the attitudes displayed by the investors. The retail investor in the options trading is one of the qualitative approaches that are systematically outlined in the bibliometric analysis to make the context more accessible. It also demonstrates the interest's developing possibilities, significant scholars, and possible trends. If the security is at the predetermined price before a specific time period, option trading helps investors buy or sell (Griffith et al. 2020). There are many options to appeal to retail stores, seeking possible profits while investing a minimum amount of capital, thanks to this flexibility and capitalizing ability. However, investors were compelled to face a high degree of risk due to the advanced features of option trading. A wide range of emotions, from confidence and optimism to fear and anxiety, had a substantial impact on the retail investors' decision. Because of the sentiments' thoroughness, they become essential for predicting market trends and creating winning plans of action. Through sentiment analysis, it attempts to investigate and evaluate the subjective information gathered from various sources, including news articles, social media, and financial data reports. Sentiment analysis provides important insights into the effective commercial qualities of retail investors and market trends by obtaining the collective thinking of these investors.

One research strategy that makes use of the craft of intellectual frameworks and the progress of the specific field of work related to the investigation is the examination of bibliometric data (Umar et al. 2021). In order to understand the particular topic of study, it emphasizes statistical analysis of the datasets found in books, papers, and other published works. It keeps track of the topics that develop inside the study project as well as the specific impact of the authors and activities. Through the examination of bibliographic elements, the study sought to navigate the arrangement of the literature with respect to the sentiment exhibited by the retail sector in the instance of options trading. The main goals are to identify possible themes and patterns in the current literature on the emotion of retail investors in options trading while taking into account the most significant writers, journals, and publications in the field. To understand the cooperation and the influence of the trends in the research workspace, it pulls the verified data and the networks pertaining to the citation activities. The context's importance stems from its dual focus; one possible feature helps comprehend investor attitudes, while the other uses bibliometric analysis as a possible methodological technique. Additionally, the survey helps analysts and advisors better understand the emotion of retail investors, which simplifies trading techniques and procedures, including risk factor management. Policymakers can make important regulatory decisions aimed at protecting retail investors and maintaining market stability by using their understanding of investor sentiment.

2.0 Literature Review

Previous Research on Retail Investor Sentiment

The retail investor sentiment has been the subject of significant research in recent years, which has coincided with the growing interest in the comprehensiveness of the ways in which the behavioral trends of the market affect the emotions and perceptions of investors. The studies primarily focus on the theories associated with the fundamental psychologies and their incorporation to involve the latest perspectives of sentiment analysis, taking into account the historical pieces of evidence. The influence of digital communication on investor behavior is underscored and expanded by the rapid evolution of technologies and the widespread dissemination of social media. Reports concerning the market, social media indicators of economic factors, and numerous other factors may influence investor rental sentiment (Hudson et al. 2020). Social media platforms have become potential components in the configuration of sentiments, as they provide widespread data and facilitate the exhaustive dissemination of precise and misleading content. Additionally, economic indicators have the potential to influence the outlook of investors and their prospective behaviors, as changes in inflation, unemployment, and interest rates can have a detrimental impact. The significance of sentiments on trading behavior is paramount. Market activities can be influenced by the prevalence of positivity, which can drive purchasing activity, whereas negative sentiments can induce sell-offs and increase the market's volatility. Retail investors are frequently motivated by emotive responses rather than fundamental analysis, which may result in a strong response to sentiment movements. This exemplifies the market's fluctuations and the adherence to price distortions. In order to evaluate the sentiments, specific mechanisms have been implemented. Traditional methods entail the execution of surveys, which collect data from investors and evaluate their stringent opinions, as well as the construction of indices that combine responses to satiate the overall sentiment level. The retail investor's understanding provides prospective insights into the market dynamics, shedding light on the intricate relationship between emotions and financial decision-making.

Exploring the studies on Optional Trading

Investors are afforded substantial opportunities to acquire and release securities at a predetermined price within a specific time frame through option trading. It offers a comprehensive and prospective return on investment. It is a critical aspect that attracts investors in retail frameworks due to its capacity to emphasize prominent positions, monitor market movements, and capitalize the capital for the consideration of potentially higher returns (Audrino et al. 2020). The trading approaches that are unique in comparison to the other aspects of the investments are offered by the potential risk and return associated with the profiles. The potential risk parameter is further entangled with the options that offer greater rates of return as a result of the capitalized edges. The potential for risk is associated with the responsible assets that understand the responsibility of critical complex scenarios, including losses. It was particularly emphasized due to the options that lose their value if they are not navigated accurately. To comprehend the dynamic nature of the investors, it is necessary to weigh the potential for increased rates of return against the potential for losses throughout their complete

investment plans. Retail options traders frequently identify with behavioral trends that are determined by particular patterns and trends. The most prevalent tendencies involve the development of confidence, in which potential investors disregard intricate scenarios or events *that are associated with the behavior of the herd. The demonstration of such behavior is an* automatic increase in market volatility and establishes the foundation for suboptimal trading decisions (Bouteska et al. 2024). The speculative nature of trading activities may further encourage retail traders to engage in it, which in turn exacerbates the risk factors and drives the desire for immediate profit.

In the context of retail options trading, the decision-making mechanisms are frequently influenced by market trends, sentiment, and technical analysis, rather than fundamental inferences (Cao et al. 2022). Investors in numerous retail sectors depend on technological feasibility and short-term fluctuations in market patterns to make trading decisions. It results in a dearth of strategic approaches and impulsive activities. Studies that identify the success rates and the shared drawbacks that many retail sectors found difficult to comprehend with options trading due to certain factors such as the complicated circumstances of the options trading, the lack of appropriate experience, and high bid-ask spreads. Research suggests that a substantial number of retail traders encounter difficulties, often as a result of the speculative nature of the traders, overcapitalization, and the inadequacy of risk management. The strategies necessary for trading and the repercussions for the retail investor can be improved by recognizing the drawbacks and the comprehensiveness of the stock ranges.

The examination of Bibliometric analysis is a quantitative methodology that is employed to investigate the dynamics, advancements, and literature of a particular field. The bibliographic datasets from academic publications are incorporated to investigate trends and emergent patterns and to communicate the relationship between the research outputs. The capacity to attract the intellectual paradigm of the discipline is rooted in the reliability of the analysis regarding bibliometric aspects of finance research. Impactful academics, evolving trends, and potential voids in the literature are evident through the analysis of the authors' corporations, citation networks, and publication patterns (Gunay et al. 2022). The comprehension of the disciplines has been significantly enhanced by notable bibliometric academics in finance research. For example, the research philosophies and the prospective influences on the practices of financial risk management tools have been scrutinized, and the studies conducted by Ho and others have positively capitalized on the bibliometric approaches. The movements in the concentration over time and the potential contributions have been configured by BenDavis and others in their studies. The analysis of the bibliographic approaches that demonstrate the emergence of the research themes and the potential draws regarding the seminal workings in the finance domain is positively elaborated by these studies.

For instance, the Co-citation analysis, which investigates the frequency with which two or more documents are cited together, was facilitated by the implementation of specific tools and mechanisms in the bibliometric analysis. This analysis reveals the relationships between the research topics and the overall influence of the important papers. The prospective visualization aspects and the collaboration with the authors and their institutions are analyzed by the networks. It also elucidates the configuration of the structures associated with research

communities and the movement of conciseness. Other relevant methods include the analysis of the citations, which monitors the frequently cited papers, and the analysis of the potential keywords, which identifies the prominent themes and evolving trends within the topic (Seth et al. 2020). Certain practical examples regarding the application of financial aspects are developed through the analysis and investigation of case-based studies. Consider an example from Podobnik et al., who employ the bibliometric mechanism to analyze the literature on market efficacy. This analysis reveals the key authors and influential articles, which are relevant to the bibliometric approaches used to navigate the advancements of financial technological research. The bibliometric analysis of the datasets has the potential to facilitate the understanding of the configurations and perspectives associated with finance and trading research (Seth et al. 2020). Researchers can comprehend substantial information, identify influential workspaces, and reveal emergent patterns by employing specific techniques for the analysis of bibliographic datasets.

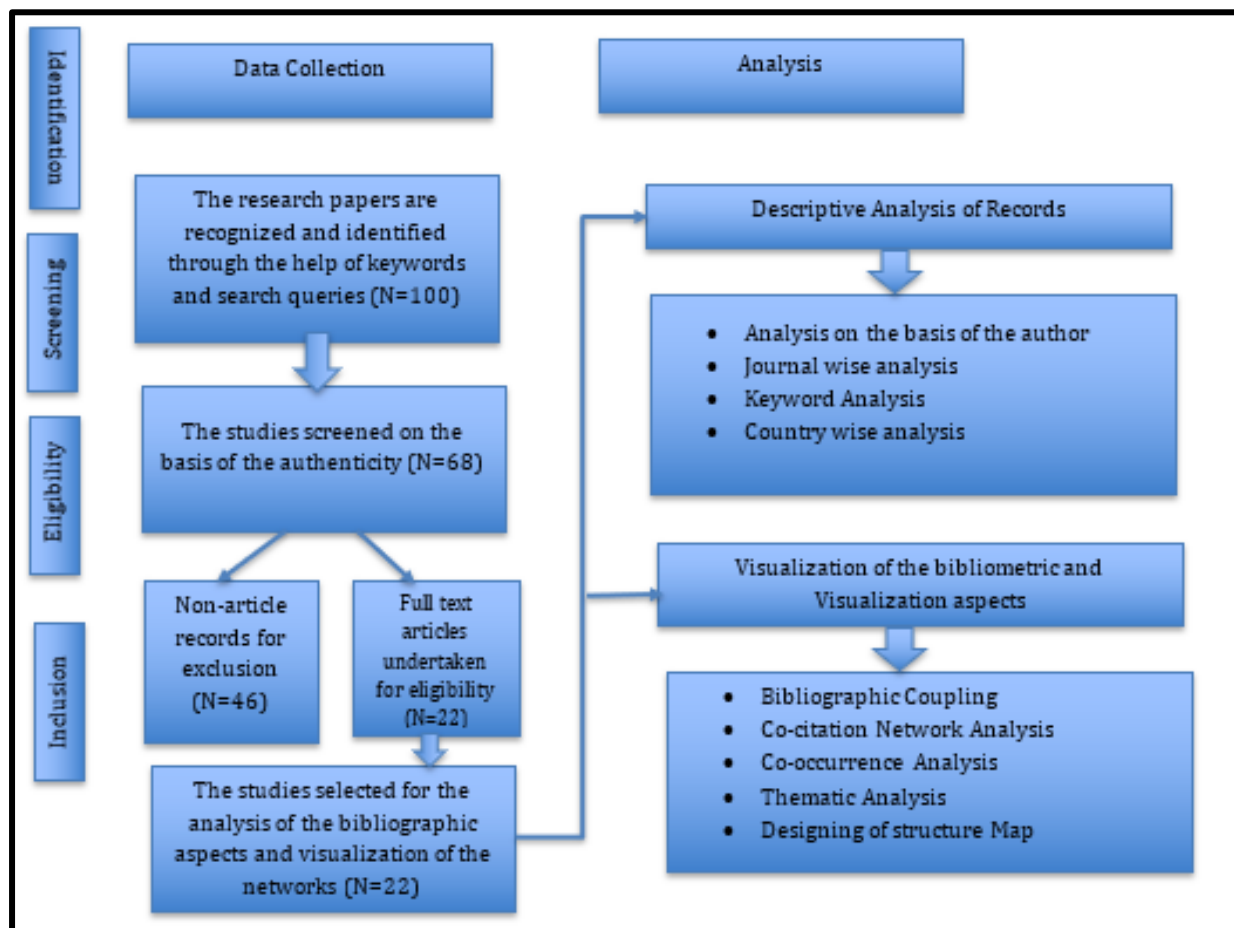
3.0 Methods

The research employed bibliometric analysis to examine the trends in the published literature, the proliferation of authors, and the top prioritization of countries and specific themes in the scenario of the retained investors regarding options trading. The analysis of the bibliography aspects provides a comprehensive and precise overview of the collection and the data that has developed from the specific field. The study integrates the systematic methods for collecting and analyzing bibliometric datasets, as well as the Bibliometric Rpackage, which was developed based on a variety of criteria. This package was regarded as a powerful mechanism for the processing of science mapping and bibliometric analysis of datasets.

The data collection process entails the selection of relevant and responsive databases, the configuration of the parameters necessary for the search basis, and the filtering of the data sets that are being retrieved. The Scopus dataset was selected due to its comprehensive coverage of the economics, finance, and social sciences, as well as the academic journals and publications from a variety of sources (Ángeles López-Cabarcos et al. 2020). The proactive decision to employ Scopus was further influenced by its broader spectrum of acceptability and wider area of coverage in comparison to other data sets, such as Web of Science. The search strategy emphasizes a comprehensive approach that facilitates the understanding and conduction of the specific keywords associated with the retail investor's segment and the areas related to options trading. Termologies such as "retail investor sentiment," "options trading," and "market sentiment" comprise the search term string, which also encompasses the conduct of the investors. The Boolean operators were employed to reorganize the search results and guarantee that all literary articles were included. The bibliophily application and viewer software are employed to analyze the selected documents in search of prospective insights. The bibliometric analysis process entails a number of procedures and steps, including the publication of trends, prolific authors, top contributing countries, and significant themes. Examination of the quantity of publications over time to identify the emerging trends within the research activity Moreover, the potential countries in this research segment are determined by the analysis of the geographical aspects. Co-citation analysis, network analysis, citation analysis, and keyword analysis are among the instruments and techniques employed for the research. The Bibliometrx

Rpackage and the Bilioshiny applications were employed to visualize the bibliometric data. Thematic analysis of the maps, co-citation networks, and cooperation networks were all deemed as Cretai prospectus tools to illustrate the underlying relationship and emerging trends and patterns within the datasets (Ángeles López-Cabarcos et al. 2020). These visualization tools provide a precise and intuitive understanding of the intricate interactions and trends that have emerged in the literature. Finally, he was involved in the interpretation of the bibliometric analysis results to determine the significant accomplishments regarding the state of research in retail investor sentiment regarding options trading. The bibliometric analysis provides a comprehensive analysis and an overview of the concepts related to the existence of re-literatures on the retail segments and the investor sentiments in options trading, thereby providing significant insights into the publication of trends. The methodology employs a comprehensive and sophisticated array of examinations to investigate the field of the study, with a focus on a more in-depth understanding of how the investor sentiment of the procedure affects the behavior of options traders.

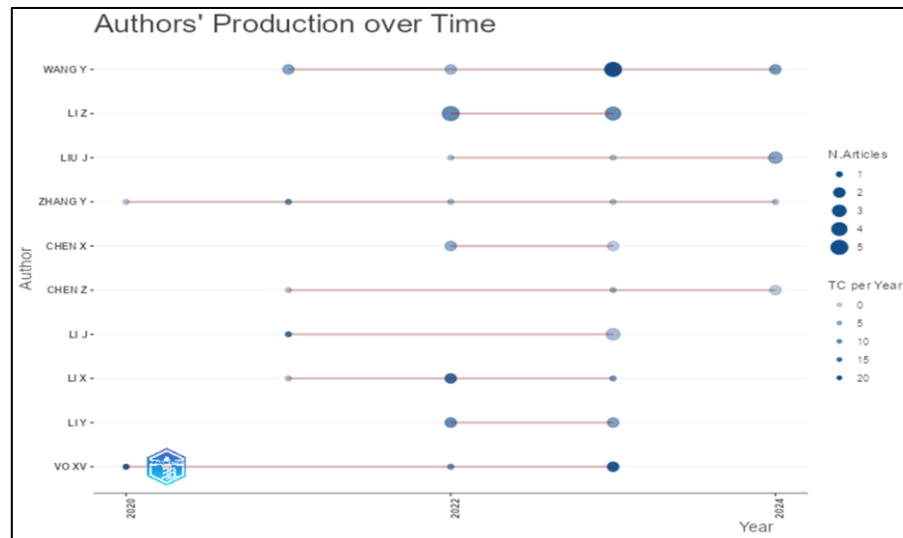
Research Framework



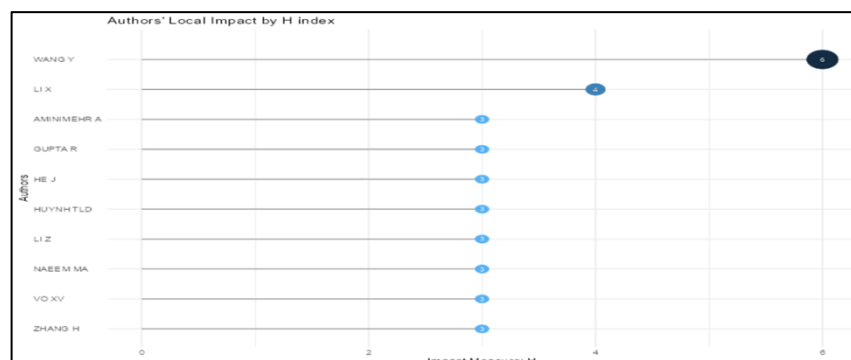
4.0 Results

The bibliometric analysis results provide a proactive overview of the most common research approaches in the field of investor sentiment regarding options trading. This study reveals potential trends and patterns that have shaped the aspects over time by analyzing the extensive

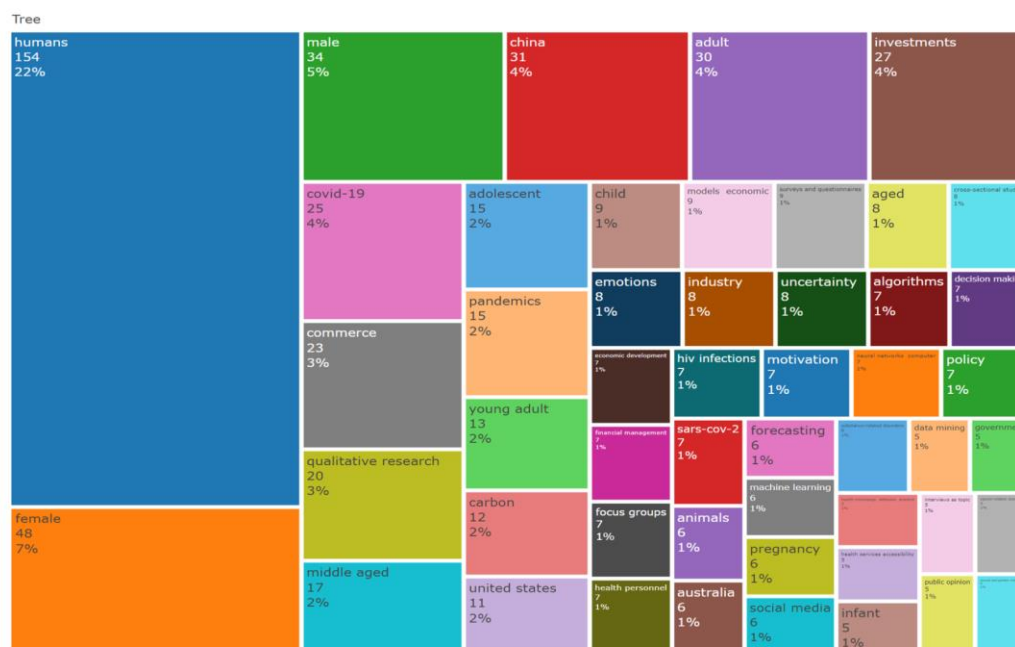
datasets related to the publications. The findings elucidate the influential aspects of the authors, journals, and seminal papers that have comprehensively devoted themselves to understanding the investor's sentiment in options trading (Parveen et al. 2020). Additionally, the analysis discloses the allocations and configurations of the co-authorship and co-citation networks. This information enables future academicians to easily understand the configuration of the research zones. The section continues the information provided in the previous sections regarding the prospective findings and provides a proactive comprehensiveness of the literature and the transformations.



The chart titled "Authors' Production Over Time " illuminates the publications of the activities and the impact of various authors from the year 2020 to 2024. Where every row represents an author, with bubble-sized signifying the notations of the articles published and the color density that resonates with the solicitations made every year. Noticably, WANG Y demonstrates a considerable enhancement in the publications regarding the influences in 2024, signified by the large, dark blue bubble. LI Z illuminates the consistency regarding the operations within the latest approaches of citation rates, specifically in the year 2024. Other authors such as VO XV were mostly proactive in the year 2020, while ZHANG Y and CHEN X were appointed to manifest the steady flow of information regarding the exemplified contribution over the passage. The overall trends showcase the diversified range of the patterns of academic enhancements and the potentiality and influences. The chart proactively illuminates the variations in both publication frequency and citation influences among the authors.

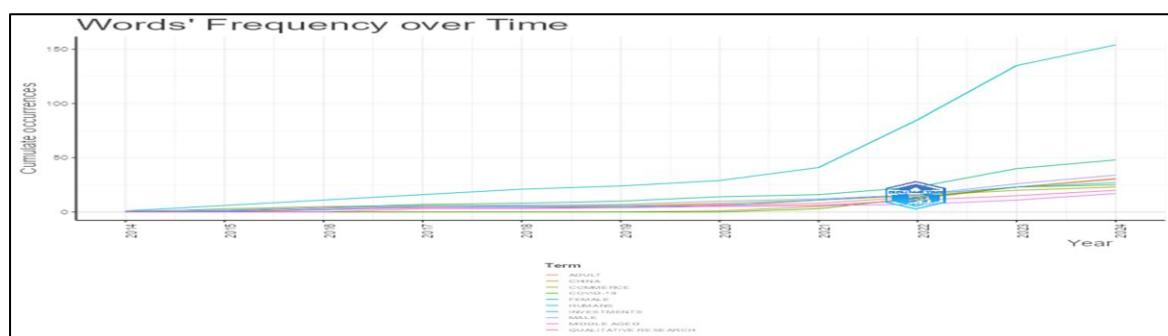


The chart displayed the citation influences of certain aspects of the academic papers, with individual dots showcasing the diversified publications. The X-axis illustrates the numerical value of the citations received, which ranges between 0 to 350, while the prevalent Y-axis ranges between the list of papers by author, year, and potential journals. The bubble size respondents to the citation counts, with large, darker bubbles signifies the higher rate of influence. Potential observations involve ICHEV' R's 2017 paper regarding the international review of the Financial Analysis which holds the highest significance with nearly 306 citations. BIRCH K.'s 2018 paper on science Technology and Human Values pertains to the pathway closely with 279 citations. Cretainpaers that involve FRYMAN C.'s 2018 paper in Trends in Cognitive Sciences and DONATELLO M.'s 2018 paper in the Journal of Financial Markets further illuminate the justifications for around 145 citations each The chart proactively illustrates the relative influence of the publications within their fields of aspects.

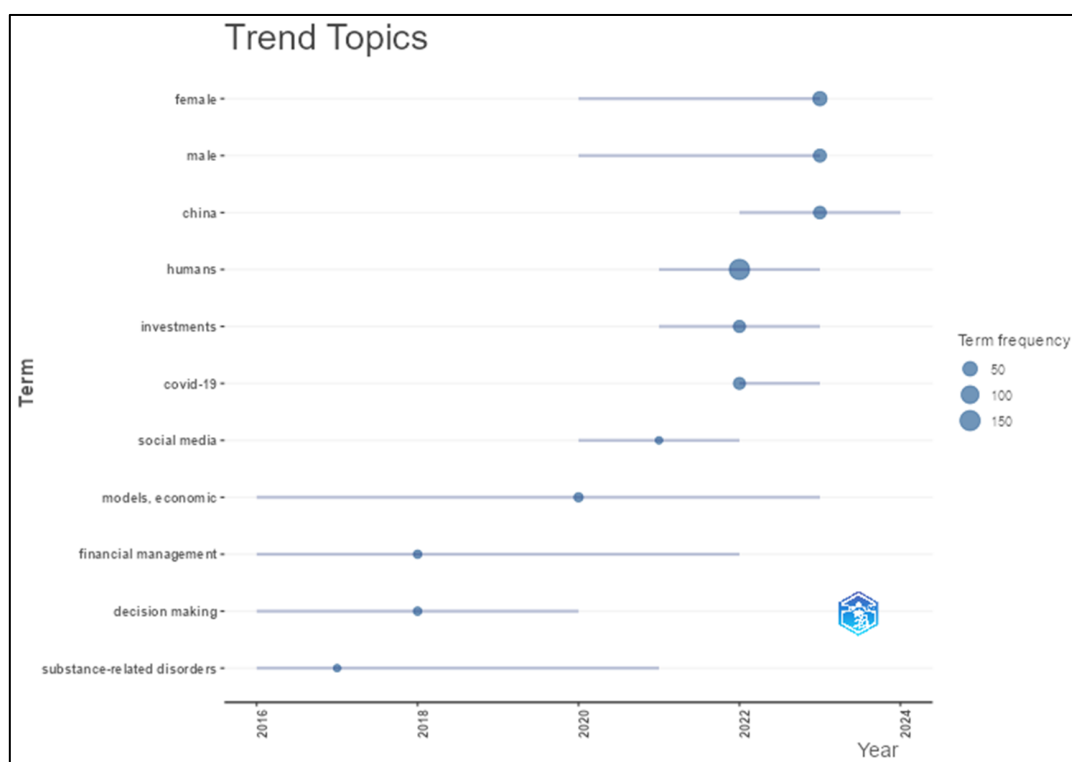


Most often terminologies, such as "humans" (154), "female" (48), and "male" (34), suggest a focus on human studies, potentially gender-related. "China" (31), "COVID-19" (25), and "commerce" (23) indicate significant topics of interest, possibly within socio-economic or pandemic-related research. Key methodological terms like "qualitative research" (20), "surveys and questionnaires" (9), and "focus groups" (7) illuminate a strong emphasis on qualitative data collection techniques. The presence of terms like "economic development" (7) and "financial management" (7) suggests a focus on economics, while "machine learning" (6) and "neural networks" (7) point to a technological angle (Talwar *et al.* 2021). Has financial attitude impacted the trading activity of retail investors during the COVID-19 pandemic? *Journal of Retailing and Consumer Services*, 58, p.102341.). Overall, the dataset reflects a multidisciplinary approach, with intersections between human studies, economics, and technology, underpinned by the impact of global events like COVID-19.

Year	HU MA NS	FEM ALE	MA LE	CHI NA	ADU LT	INVE STM ENTS	COV ID- 19	CO MM ERC E	QUA LIT ATI VE RES EAR CH	MID DLE - AGE D
2014	1	0	1	0	0	0	0	0	0	0
2015	6	1	2	0	0	1	0	3	0	0
2016	11	4	4	0	2	2	0	5	0	3
2017	16	7	5	0	4	5	0	6	3	4
2018	21	8	6	0	4	5	0	6	3	4
2019	24	10	7	0	5	5	0	6	4	4
2020	29	14	10	1	7	6	0	8	6	5
2021	41	16	12	5	8	11	3	11	6	6
2022	85	23	16	12	14	16	13	15	11	7
2023	135	40	26	23	23	23	23	20	15	11
2024	154	48	34	31	30	27	25	23	20	17



The line graph with the title “Worlds Frequency over Time “ monitors the frequent occurrence of the terms from the year 2014 to 2023. Noticeably, one terminology demonstrates a prominent rise around 2022, signifying the utilization of the comparison for other significant terminologies. This could aim an evolving trend or the highest standard of interest in that particular terms and the durational time frames. The graph illustrates the certainty of the time frames that aid in gaining prominence with time, illustrating transformations in trends or the public interest. The graphical representation meticulously tracks the cumulative terms and the occurrences of several events ranging from the year 2014 to 2023 demonstrating influential consents. The emerging trends or the heightened public interests during that period. In contrast, other terms showcase the stability or the comprehensively enhanced, undermining the specific increase of his team members. Analyzing these patterns provides information about public interests, potential opportunities in the market, and the directions provided by the researchers. It aids in forecasting the areas that raise the term indications which are considered as the longevity in trends or the temporary spike.



The “Trend Topics” bar chart, ranging from 2015 to 2021, provides a precise visual preview if rage certain terminologies, that have fluctuated in the discrepancies over time. It further sheds light on the societal aspects regarding shifts in the research area. Gender-biased terminologies such as male and female showcase the consistency level of the frequencies throughout the reflection through the ongoing and sustained interest in gender-related issues such as gender issues, steered by the movements and the discussion around the equality of gender and identifications. Emerging concepts such as “social media” “economic models and financial decision-making are displayed through diversified frequencies, signifying that these areas of gaining the trajectory, that is likely to respond to the technological enhancements and the

transforming landscapes. The chart proactively demonstrates the dynamic nature of the societal aspect and the priorities of the research over time.

5.0 Discussion

According to market analytics and research scholars, stock investor sentiment is a contributing factor to market volatility. This research study has conducted a bibliometric review to examine the areas of investor sentiment. A bibliometric review was conducted as part of this research study, which is evident in the methods and results. The bibliometric review is a critical research review that entails the examination of qualitative journals, research papers, and articles (Pirskanen, 2024). Bibliometric reviews are employed to evaluate and discuss conference papers and books. The review process is crucial because it enables scholars and researchers to identify emerging topics, critical trends, and patterns in research papers that are relevant to the specific field of study. A bibliometric review is a comprehensive examination of the assessment of a specific research study. It is beneficial to map the research landscape in order to comprehend the primary contributions of new research disciplines and seminal works that are employed to establish the direction and new research initiatives (Kerzner, 2022). Stockholders are significantly impacted by market trends and investor sentiment. Investors frequently base their decisions on psychological factors, including greed, dread, and overconfidence. This can be concluded from the perspective of market experts: emotions frequently induce irrational behavior in stock investors, such as frantic selling during declines in the market index. The efficacy of stock markets is adversely affected by such panic.

EPS (Earnings per share), P/E (Price/Earnings) ratio, Debt equality ratio, and other metrics associated with financial growth and revenue growth are generally significant factors for stock investors. In numerous instances, investors often base their decisions on their emotional stability and external influences, as all of these factors are not feasible (Muravyev and Pearson, 2020). They make errors when purchasing ownership interests as a result of these emotional factors and external influences. The price-to-earning (P/E) ratio is a key metric for determining the true value of equities. An organization that is not recommended for purchase, despite having a low P/E ratio. Determining whether a stock is undervalued or overvalued is facilitated by a low price/earnings ratio. It is advisable to invest in companies with a high book value, as it is indicative of a high asset value. Investing in companies with a declining book value is not advisable. The likelihood of loss in these companies is significantly greater than that of other unlisted companies. Furthermore, the asset values of small-cap and mid-cap companies are lower. Profits are more likely to be generated in these organizations. Conversely, equity fund investments are exceedingly hazardous due to the potential for failure. The P/B (Price value/Book value) parameter facilitates the comparison of the market or share price with the book value (Ni et al., 2021). If an organization has a negative book value, it can be inferred that it has a greater number of liabilities than profits. It is advisable to refrain from investing in such companies by purchasing ownership interests. When comparing the stock price to interest-generated revenue, the P/S (Price/Sale) is a critical parameter. The high asset value of companies is reflected in the high price-to-sale and price-to-book ratios. The perspective of stock investors is influenced by the opinions of market analysts, ratings, environmental, social, and governance factors. The literary sources of previous scholars and researchers have been

used to derive all of these factors.

The purchasing and selling of options based on contracts are involved in option trading practices. It provides a variety of opportunities for profit, risk management, and investment leverage. Investors are required to conduct a comprehensive examination and analysis of the financial statements of the listed companies in which they intend to invest their funds (Bryzgalova et al., 2023). In order to mitigate potential risks, individuals who are financially inexperienced must seek the advice of financial consultants. This is the reality: investors frequently permit themselves to be seduced by advertisements, stock brokers, and free online consultations. Tier stock market investing is frequently subject to investor sentiments, which frequently result in losses.

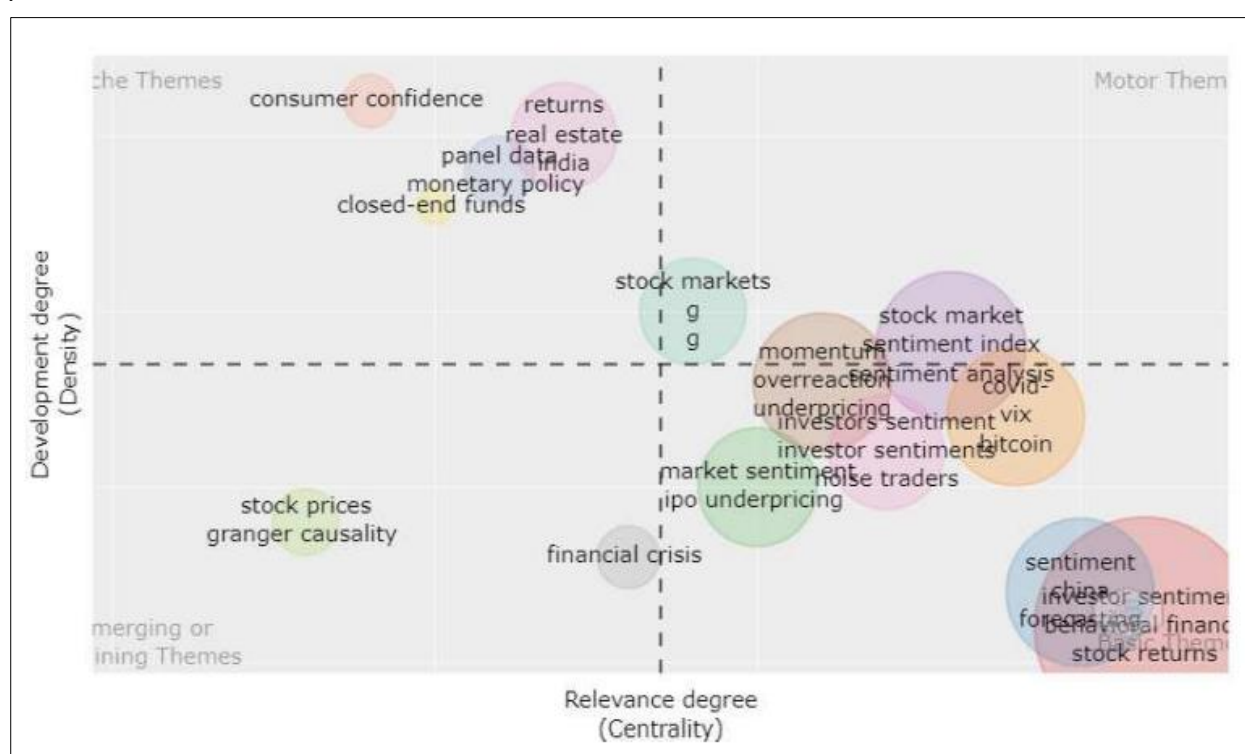


Figure 7: Thematic Map

(Source: Büchner and Kelly, 2022)

The strategic diagram has helped to visualize the status and the importance of various economic and financial themes. In the above thematic mapping, positionings of all themes can help researchers, scholars, and investors identify the key areas of focus (Liang et al., 2023). Analysis of the above thematic map can help to make strategic decisions, forecast the financial condition of organizations, and identify investment opportunities.

Networking plays an important role in business management to complete operational management activities.

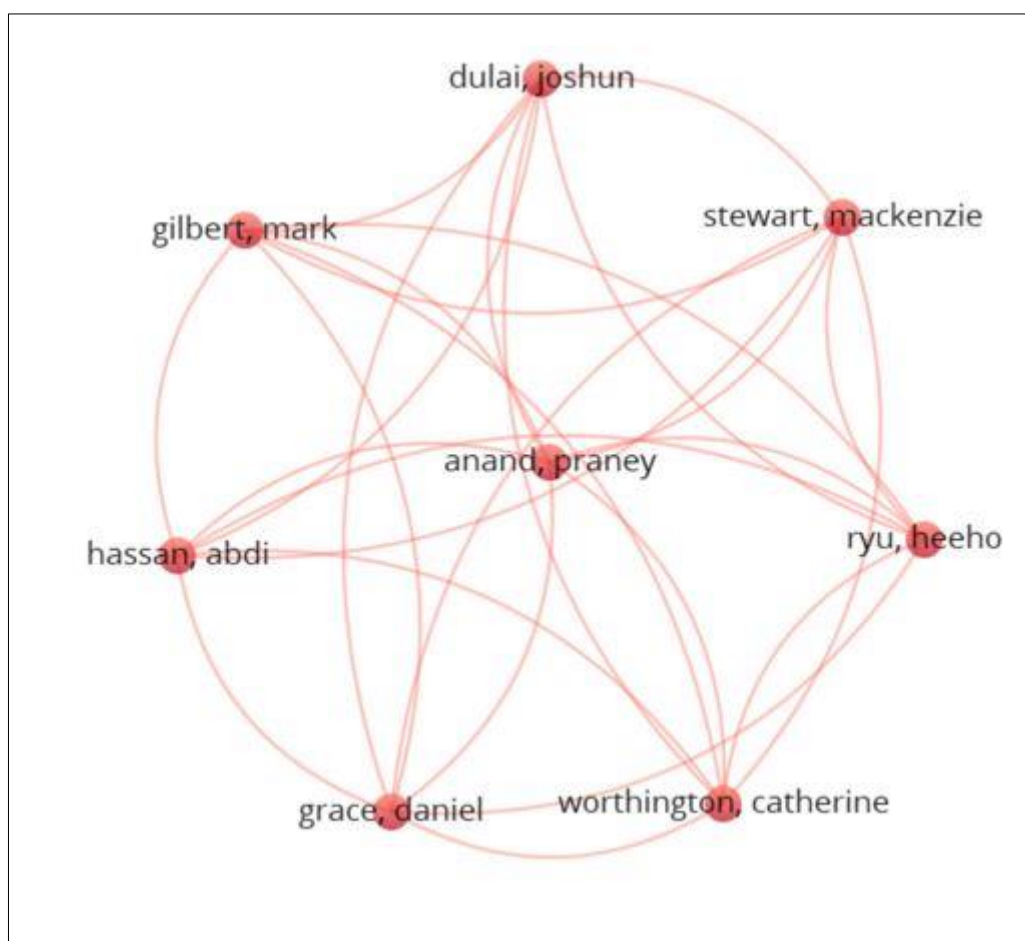


Figure 8: Networking channel

Source: Self-developed

The figure discussed above is an example of a relationship between six individuals where everyone is connected. There are a total of nine nodes present in this diagram. Dulai Joshun, Anand Praney, Grace Daniel, Hasan Abdi, Ryu Heeho, Worthington Catherine, and Stewart Mackenzie are connected with each other in the networking system discussed in the diagram. This type of networking is used in various business fields and projects for effective implementation. Social networking analysis, cyber security organizational behavior, and various aspects are analyzed based on the implementation of this graphical diagram.

Trend topics ranging from 2015 to 2021 have been discussed in this research study. It was intended to provide a visual overview of particular technologies (Mintz and Burke, 2022). Economic models, social media, and decision-making were displayed as diversified frequencies signifying that the graphical curve provides data that will help to forecast data related to business operations in the near future. The graphical presentation of the World's frequency over time is used to monitor the frequent occurrence of the terms from the year 2014 to 2023 (Melovic *et al.*, 2020). Characteristics of trend topics are high-volume discussion, timeliness, viral in nature, and short-term popularity. In the world's frequency over time. In

post-2021 this has been observed that the financial sector has become one of the most popular areas of discussion between people which has been reflected by the world's frequency curve.

6.0 Conclusion

The aforementioned study has led to the conclusion that the status of the Market is significantly influenced by investor sentiment. It is a significant contributor to market volatility, and savvy investors can capitalize on this volatility as an opportunity to generate substantial profits. There are numerous parameters that can be used to determine the safety of an investment in an organization. Some critical parameters for comprehending the financial health of organizations listed on stock markets include price-to-earnings, price-to-sale, and price-to-book value. It has addressed the manner in which fraudsters and stock brokers deceive stock market investors. The scoped data sets were employed in the bibliometric analysis of the data set. It also determined that the market is characterized by sentiments expressed by retail investors in the context of frequently manipulating emotions and options trading, rather than fundamental perspectives related to high returns. It has been noted that a number of investors choose to make their trading decisions solely based on their emotions. The sentiments are frequently referred to as the contrarian indicator in this study. Overconfidence and behavioral patterns that facilitate the enforcement of strategies and consequences are examples of behavioral characteristics that are biased. This study has also addressed the necessity of effective knowledge regarding the financial condition and market conditions of organizations in order to understand the sentiments of investors who intend to invest in the retail industry. The significance of consulting with a financial advisor prior to undertaking an investment in the stock market has been explained. This research study's bibliometric analysis has offered a systematic overview of the qualitative methods that have been employed to enhance the accessibility of this context. The literature review section has addressed the perspectives of research scholars. It reviewed several prior research studies that were pertinent to investor sentiments. It addressed a number of general metrics that are used to ascertain the financial condition of organizations. It also addressed the significance of financial statements, including balance accounts, profit and loss statements, and cash flow statements. It addressed the numerous metrics that must be assessed prior to contemplating both short-term and long-term investments. It was extensively discussed that options trading offers substantial opportunities for the procurement and release of securities at a predicted price prior to a specific time frame. It addressed the prospective risks and opportunities associated with options trading. It has been examined how option trading can be profitable during both the rise and decline of share indexes. It also addressed the manner in which traders can generate profits through option trading in spite of the declining stock prices of companies. There was a discussion of the potential dangers of option trading, which was characterized by its greater complexity than stock and bond trading. It elaborated on the detrimental effects of market volatility on the profitability of stock investors. This research study has been viewed from an expert perspective through critical discussion and analysis of the research objective.

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