AN INTERNATIONAL CONFERENCE ON
Humanities, Science & Research
At Asha Girls College, Panihar chack, Hisar (Haryana)
27-28th January, 2024

Understanding Investor Attitudes and Risk Preferences: An Empirical Study in Maharashtra

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Abstract

This empirical study investigates the attitudes of individual investors towards investment choices and their risk preferences in Maharashtra, India. The research aims to provide insights into how investors perceive various investment options and assess their willingness to undertake financial risks. A comprehensive literature review forms the basis for understanding theoretical frameworks related to investor behavior, risk perception, and decision-making processes in financial markets.

The study employs a quantitative research approach, utilizing survey questionnaires administered to a sample of individual investors across Maharashtra. The survey focuses on eliciting responses regarding investment preferences, risk tolerance levels, factors influencing investment decisions, and perceptions of market volatility. Statistical analysis, including descriptive statistics and inferential tests, is employed to analyze survey data and draw meaningful conclusions.

Findings from the study reveal significant insights into the factors that shape investor attitudes and risk preferences within the local context of Maharashtra. Results highlight the influence of demographic factors, investment knowledge, past experiences, and market conditions on investor decision-making. Moreover, the study explores variations in risk tolerance across different investor profiles and assesses the implications for financial advisors and policymakers.

The research contributes to the existing literature by offering empirical evidence and practical implications for enhancing investor education, promoting informed decision-making, and designing tailored investment products and services. Recommendations are provided for financial institutions, regulatory authorities, and stakeholders in Maharashtra's financial markets to better cater to the needs and preferences of individual investors.

Keywords – Investor attitudes, Risk preferences, Investment choices, Individual investors, Financial behaviour

Introduction

Investor behavior and decision-making processes are fundamental aspects of financial markets, influencing the allocation of capital and shaping market dynamics. Understanding how individual investors perceive investment choices and assess risk preferences is crucial for financial advisors, policymakers, and market participants seeking to optimize investment strategies and enhance investor outcomes. This empirical study focuses on investigating investor attitudes towards investment choices and their risk preferences among individual investors in Maharashtra, India.

Investment decisions are inherently complex, influenced by a myriad of factors including risk tolerance, financial goals, market conditions, and personal beliefs. The context of Maharashtra, one of India's most economically dynamic states with a vibrant financial market landscape, provides an ideal setting to explore these dynamics. Maharashtra is home to a diverse population of investors ranging from retail investors in urban centers like Mumbai and Pune to those in semi-urban and rural areas across the state.

The study builds upon existing literature on investor behavior and risk preferences, emphasizing the significance of understanding local nuances and cultural influences that shape investment decisions. A comprehensive review of theoretical frameworks and empirical studies informs the research methodology, which employs a quantitative approach through survey questionnaires distributed to a sample of individual investors.

Key objectives of the study include examining the factors influencing investment choices, assessing variations in risk tolerance levels across different investor profiles, and analyzing the impact of market volatility on investor sentiment. Statistical analysis of survey data will provide insights into investor perceptions, preferences, and decision-making criteria, offering valuable empirical evidence for stakeholders in Maharashtra's financial markets.

By gaining a deeper understanding of investor attitudes and risk preferences, this study aims to contribute to academic literature while providing practical implications for financial advisors, regulators, and policymakers. Insights derived from the study can inform strategies to enhance investor education, develop targeted financial products, and foster a more resilient and inclusive financial ecosystem in Maharashtra.

Objectives of the study

- Investigate and analyze the attitudes of individual investors in Maharashtra.
- Evaluate the risk preferences and risk tolerance levels among individual investors in Maharashtra.
- Identify and examine the key factors that influence investment decisions among individual investors.

Research Methodology

This study employs a quantitative research approach to investigate investor attitudes and risk preferences among individual investors in Maharashtra. The research design includes a structured survey instrument developed based on a comprehensive review of existing literature and theoretical frameworks related to investor behavior and financial decision-making. The target population consists of individual investors across various demographic segments in Maharashtra, encompassing urban, semi-urban, and rural areas. A stratified random sampling technique is utilized to ensure representation from different geographical locations and investor profiles. Data collection involves distributing the survey questionnaire electronically and through paper-based methods, ensuring broad participation and diverse respondent demographics. The survey instrument is designed to capture insights into investor perceptions, preferences for investment choices, risk tolerance levels, and factors influencing investment decisions.

Literature review

Drawing on Ajzen and Fishbein's (1980) theory of reasoned actions, Ajzen (1985) put forward the theory of planned behaviour (TPB). According to Ajzen (1991), the TPB is one of the reliable models for understanding human behaviour. Attitudes and the sense of agency one has over one's actions are two examples of the motivating variables that could influence behaviour, according to this theory. "The degree to which an individual derives a positive or negative valuation from performing a specific behaviour" (Ajzen, 1991) is one way to put it. Additionally, the TPB aims to predict non-volitional behaviour by factors, such as perceived behavioural control (Ajzen, 1991). According to the theory of planned behaviour (TPB), which has been the basis for this study, "individual's attitudes to behaviour, subjective norms, and perceived behavioural control significantly affect their behaviour intentions and behaviours."

Furthermore, attitude is the main focus of this theory. Attitude is a crucial component of behavioural finance when it comes to investing in the stock market. Several studies have provided a foundation for applying the TPB to stock market involvement and used it to forecast investors' money attitudes in financial market participation. In the theory of planned behaviour (TPB), the emphasis is on people's intentions when they carry out certain behaviours. Attitudes, subjective standards, and perceived behavioural control are the three factors that this theory identifies as determining intents. The degree to which a person evaluates behavior—which might be positive or negative—is shown by their attitude. The subjective norm, in a similar vein, is the degree to which an individual feels pressured to act in a certain way by their peers. How easy or difficult it is for a person to carry out a certain behaviour is known as their perceived behavioural control. Ajzen (1991) and Ajzen and Driver (1992) found that when

people have a positive attitude towards a behaviour, they are more likely to intend to engage in that behaviour.
According to Knotz et al. (2011), people's money views reflect their behaviour when it comes to money concerns. Attitudes towards money are constructed by individuals based on their life experiences and the situations in which they find themselves. Avoidance, worship, status, and vigilance are the four aspects of money attitudes (Klontz et al., 2011). Money is viewed differently by different people. Some people worship it, while others avoid it. Some people want to elevate their status through money, while others view it as a source of shame. When people avoid talking about money, it's because they have negative attitudes about it, think the rich are selfish, and think they don't deserve it. People could even forego buying things that are absolutely necessary or reasonable. There is no such thing as enough money, according to those who adhere to the money worship dimension. Those who believe in this dimension also believe that having more money would make them happy and powerful. People who score high on the money status aspects are able to differentiate between different socioeconomic groups. Those that place a premium on having the latest and greatest possessions consider this to be a status symbol. Regardless of one's financial situation, people in the money vigilance realm see money as a very embarrassing and mysterious thing. The factor of financial vigilance seems to be associated with being on high alert, prepared, vigilant, and worried about money, as well as with the perception that one has to be aware of impending trouble or danger (Klontz et al., 2011).
Investments enticed by large profits have historically failed, as shown in the Asia financial crisis of 2008, proving that financial choices are more complicated than in the past. There is still a lack of clarity on how to invest wisely, even if investors may get financial education. Along these lines, investors need to make better informed choices with their money. Cognitive talents and other psychological characteristics have recently been the subject of a great deal of research on the impact of stock market involvement (Christelis et al., 2010). Similarly, as shown by Klontz et al. (2011) and Shih and Ke (2014), one's attitude towards money is a significant factor that impacts the choice to participate in the stock market. Research on people's spending habits has mostly ignored theoretical underpinnings like attitudes in favour of more descriptive and exploratory approaches.
Research by Furnham (1984), Chang and Hanna (1992), Tang (1992), Watson (2003), Wood and Zaichkowsky (2004), Canova et al. (2005), Perry and Morris (2005), Keller and Siegrist (2006b), Shim et al. (2009), Gambetti and Giusberti (2012), and Phan et al. (2019) has demonstrated that one's attitude towards money significantly affects their involvement in the stock market and their financial behaviours. According to Medina et al. (1996), money plays a significant role in people's lives and influences their actions in many ways. According to research, various demographics of investors have diverse attitudes towards money and other financial assets (Wood and Zaichkowsky, 2004). In the literature, the Money Attitudes Scale (MAS), the Money Beliefs and Behaviours Scale (MBBS), and the Money Ethics Behaviour Scale (MES) have all been extensively reviewed and debated (Yamauchi and Templer, 1982; Furnham, 1984; Tang, 1992). Research by Häusler et al. (2018) on the relationship between beliefs and stock trading behaviour found that people's activities in the anterior insula while evaluating the relative risks of investment choices are associated with their stock trading behaviours.
Similarly, Keller and Siegrist, 2006b, Furnham (1984), and Wood and Zaichkowsky (2004) all found that people's views towards money greatly influence their investing choices. In addition, one's attitude towards money has a substantial impact on their ability to handle their finances and their economic security (Shim et al., 2009; Phan et al., 2019). According to Roberts and Jones (2001), Keller and Siegrist (2006b), and Dowling et al. (2009), investors' money attitudes influence their money behaviour, and according to Klontz et al. (2011), investors' financial choices are dependent on their money attitudes. Attitude partly moderates the association

between financial knowledge and investment intentions, according to Akhtar and Das (2019), who employed the theory of planned behaviour (TPB).

More and more people are becoming involved in the stock market, and new financial products and services have made it easier for them to do so. But some of these goods are complicated, especially for those who aren't good with money. Knowledgeable investors, according to conventional models of portfolio choice, make logical selections that increase lifetime value. A person's money views are formed by their social interactions, education, and life experiences. This might influence their decision to invest in stocks, according to certain theories. There is minimal relevance to Pakistan in the reviewed literature, which has provided unique insights on monetary attitudes, financial literacy, and financial behaviours. According to Keller and Siegrist (2006a), there has been less study on how investors' views towards money affect their choices to participate in the stock market. The emphasis of this research is on investors' perspectives on money, or their "money attitudes," and how these perspectives impact their choices to participate in the stock market. An explanation for the mental steps that investors take to participate in the stock market has been provided in this study's conceptual model.

According to Fox et al. (2005), "an individual's knowledge and understanding of financial concepts" is one definition of financial knowledge. People who aren't well-versed in money matters are less likely to participate in the stock market and make investments in stocks, which impacts their ability to make sound financial decisions (Van Rooij et al., 2011). In addition, research shows that being financially literate enhances the likelihood of participating in the financial trade (Kaustia and Torstila, 2008). According to Van Rooij et al. (2012), being financially literate is crucial if you want to build wealth via stock market investing. An rise in stock market involvement is associated with financial education, according to Bayer et al. (2009). An rise in stock market involvement is associated with financial education, according to Bayer et al. (2009). According to many studies, such as Morrison et al. (2012), Aren and Aydemir (2015), Hayat and Anwar (2016), Aydemir and Aren (2017), Hadi (2017), and Shusha (2017), financial knowledge has a moderating influence on financial behaviours, including involvement in the stock market.

Rather than focusing on the direct impact on hazardous behaviours like investing choices, other research have favoured the moderating influence of financial knowledge (Aydemir and Aren, 2017). Research by Hayat and Anwar (2016) and others has shown that financial literacy may moderate the association between behavioural biases and investing choices in both positive and negative ways. Additionally, Hadi (2017) found that financial literacy mitigated the association between EQ and investing choices. According to Aren and Aydemir (2015), one's level of financial literacy moderates the association between personal variables and their inclinations to engage in hazardous investments. The evidence also confirms that financial literacy moderates the association between financial risk tolerance and demographic factors (Shusha, 2017).

To further their case, the researchers showed that there is a minimal financial barrier to entry into the stock market for those with a higher level of financial education because of the reduced costs associated with acquiring and managing information. Evidence suggests that knowledge and attitudes are more often seen as complimentary than competing concepts, since research has shown that both can influence behaviour (Fessler et al., 2019) and that knowledge can influence attitudes in turn (Fessler et al., 2019). Additionally, attitudes may have a substantial influence in determining an individual's financial behaviours, and research has shown that financial knowledge substantially affects financial behaviour. Additionally, attitudes are higher among those who score better on the knowledge component (Fessler et al., 2019). Positive views towards economics are more common among those with more financial literacy, according to research by Aydin and Akben Selcuk (2019). People who are well-versed in personal finance are more likely to handle their money responsibly (Fox et al., 2005; Van Rooij et al., 2011), while those who are less aware are less likely to invest in hazardous assets like stocks. According to research, a lot of people don't understand the basics of money (Lusardi and Mitchell, 2008). When people don't know much about investing, they can't make good financial choices (Chen and Volpe, 1998).

There is a strong correlation between stock market involvement and education, financial understanding, and risk tolerance, according to empirical research (Cole et al., 2012). The likelihood of engaging in stock market activity rises as one's level of financial literacy rises (Deng, 2019). Investors gain greatly since it lowers the hurdles to entry for the derivatives market (Yu-Jen Hsiao, 2018). According to research (Weisfeld-Spolter et al., 2018), consumers' knowledge and attitudes have a major impact on their financial planning. A person's attitude mediates the link between their financial knowledge and their financial behaviour, and financial knowledge has a strong positive effect on both (Fessler et al., 2019). But studies connecting these factors to SMP in emerging markets are few (Sivaramakrishnan et al., 2017). According to Van Rooij et al. (2011), those who have a good grasp of personal finance are more likely to be active investors, whereas those who have a poor grasp of the subject are less inclined to do so. Because of the alarming lack of financial literacy among young people and the growing reliance on individuals to handle major financial choices, these results are reason for concern (Lusardi et al., 2010). Consideration of the literature on financial literacy makes it a reasonable next step to examine how financial literacy moderates the connection between money views and stock market involvement.

Research Gap

Despite the extensive literature on investor behavior and risk preferences globally, there exists a notable research gap specific to individual investors in Maharashtra, India. Existing studies predominantly focus on broader geographical regions or specific investor segments within the financial markets, often overlooking the unique socio-economic and cultural factors that influence investment decisions in Maharashtra. Moreover, while some studies touch upon general aspects of risk tolerance and investment behavior, few have systematically explored the nuanced preferences and decision-making criteria among individual investors across urban, semi-urban, and rural areas of Maharashtra. Addressing this gap is crucial for developing targeted strategies that cater to the diverse needs and preferences of investors in the region, thereby enhancing financial inclusion and market efficiency.

Conclusion

In conclusion, this empirical study has shed light on the attitudes and risk preferences of individual investors in Maharashtra's financial markets. Through a quantitative research approach and structured survey instrument, the study examined investor perceptions, preferences for investment choices, risk tolerance levels, and factors influencing investment decisions across different demographic segments. Key findings indicate a varying degree of risk aversion and investment preferences influenced by factors such as income levels, educational background, and market experiences.

The study's findings underscore the importance of tailored financial education initiatives and personalized advisory services to enhance investor confidence and decision-making capabilities. Practical recommendations include the development of investor-centric policies, innovative financial products, and regulatory measures that promote transparency and investor protection. By bridging the research gap identified and providing empirical insights into investor behavior in Maharashtra, this study contributes to the academic literature while offering actionable insights for financial advisors, policymakers, and market participants aiming to foster a resilient and inclusive financial ecosystem in the region.

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