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Risk Preference and Asset Allocation Strategy Analysis in Financial Market

Jiahong Zheng

Zhuhai University of Science and Technology, Zhuhai 519041, China

Abstract: In the financial market, risk appetite is the key factor of investors' decision-making, which determines investors' acceptance of risk and investment behavior. The importance of risk appetite is that it affects asset allocation, investment strategy selection, and risk management. In financial markets, risk appetite is measured by psychological tests and questionnaires, analysis of historical trading data, and consideration of an investor's life cycle. The adjustment of asset allocation strategy needs to be reviewed and adjusted regularly to respond to market changes and adopt corresponding coping mechanisms when investors' risk appetite changes.

Keywords: Risk appetite; Financial markets; Asset allocation

Introduction

On the broad stage of the financial market, risk appetite is the inner driving force of investors' behavior, which not only affects the making of investment decisions, but also is closely related to asset allocation and risk management. Risk appetite, defined as the degree of risk an investor is willing to take in the face of potential losses, plays a crucial role in financial markets. Investors' risk appetite determines their choice of different financial products and their coping strategies in the face of market fluctuations. Therefore, an accurate assessment and understanding of investors' risk appetite is essential for developing effective investment strategies and asset allocation.

1. Definition of risk appetite and its importance in financial markets

Risk preference is the tendency of individuals or organizations to accept potential losses in order to gain gains when facing uncertainty. In the financial market, it is the core factor of investors' decision-making, affecting investment selection, portfolio construction and risk management. Investors' risk appetite can be divided into risk aversion, risk neutral or risk appetite, reflecting different risk tolerance. Risk preference has a direct impact on asset allocation. Investors with high risk preference may choose high risk and high return assets, while investors with low risk preference tend to prefer low risk assets with stable returns.

2. Risk appetite assessment methods in financial markets

2.1 Analysis of historical transaction data

Analysis of historical trading data can provide valuable information about investors' risk appetite. Trading frequency: Analyzing an investor's trading frequency can reveal how quickly he reacts to market fluctuations and whether he tends to trade frequently. Frequent trading may mean higher active risk. Trading volume: Examining an investor's trading volume can give an idea of how much money he has invested in the market. Large trades may indicate a higher risk tolerance. Profit/loss ratio: Analyzing the profit/loss ratio of an investor's past trades can assess his/her performance in risk management. A profit/loss ratio skewed to the profit side may indicate a higher risk appetite. Position cycle: Observing an investor's position cycle can reveal their long-term understanding and patience with investments. Short-term positions may be associated with higher risk appetite. Allocation ratio: Analyzing the allocation ratio between different asset classes or products can understand the degree of preference for different assets, such as stocks, bonds, cash, etc. Portfolio volatility: Assessing the volatility of a portfolio can help you understand how well investors are diversifying risk. Higher volatility may indicate higher risk tolerance. See Table 1

2.2 Risk appetite and life cycle of investors

As individuals move through different stages of their life cycle, investors' risk tolerance and risk appetite tend to change. At different stages of the life cycle, investors' risk appetite is mainly reflected in the following aspects: (1) Initial accumulation stage (20-35 years old): At this stage, most people have relatively light economic burden and large room for income growth, so they may be more willing to undertake high-risk investments, such as stocks, funds, etc., in order to obtain higher returns. At the same time, they have plenty of time to cover pos-

Table 1 Analysis of risk appetite based on historical trading data

date	trade type	Trading volume (ten thousand yuan)	Profit and loss (ten thousand yuan)	Holding period (days)
2023-01-01	buy	10	-1	60
2023-02-15	sale	8	0.5	45
2023-03-20	buy	15	-2	90
2023-05-10	sale	12	1.2	80
2023-07-05	buy	20	-3	120
2023-09-15	sale	18	2.5	70
2023-11-10	buy	25	-4	150

Table 1 shows the results:

Transaction frequency: A total of 6 transactions were made, with an average of one transaction every two months.

Trading volume: Trading volume totaled 1 million yuan.

Profit and loss ratio: the total profit is 17,000 yuan, the total loss is -100,000 yuan, and the profit and loss ratio is about 1:6.

Holding period: The average holding period is 90 days.

Allocation ratio: Using volume as a measure, investors may prefer equity assets because of the high volume of stock trading.

sible losses, so their risk tolerance is relatively high. (2) Stable development period (35-50 years old): With the growth of age and the increase of family responsibilities, investors may begin to pay more attention to the stability and preservation of assets, so their risk appetite may decline. At this stage, investors may choose some investments with lower risks but stable returns, such as bonds and real estate. (3) Retirement reserve period (50-65 years old): Entering this stage, investors will have less room for income growth, face the pressure of retirement and living expenses, and their risk tolerance will be further reduced. Therefore, their investment strategies are usually more conservative and tend to choose low-risk financial products, such as fixed deposits and Treasury bonds, to ensure a stable retirement life. (4) Retirement period (over 65 years of age): After retirement, investors' main goal is to protect and consume accumulated wealth, so their appetite for risk is usually minimal. They typically choose investments that provide a steady cash flow to meet the needs of everyday life. Understanding the life cycle stages of investors, financial advisors can provide customized portfolio recommendations based on their risk appetite and goals to help investors find the best balance between risk and return and maximize the growth of wealth.

3. Adjustment of asset allocation strategies in financial markets

3.1 Periodically review and adjust asset allocation

As market conditions, economic conditions and investment objectives change, the original asset allocation may no longer be applicable or no longer meet the needs and objectives of investors. Therefore, investors need to review and adjust their portfolios regularly to ensure that they are in line with market changes. This includes reassessing allocations to different asset classes, adjusting accordingly to changes in market expectations and risk appetite. For example, when market risk appetite is low, investors may be more inclined to allocate to solid fixed-income assets; When the market risk appetite is high, it may be more inclined to allocate high-risk and high-yield equity assets.

3.2 Strategic flexibility in response to market changes

In financial markets, change is readily available and often unpredictable. Investors need flexibility to adapt to this uncertainty and make quick decisions. This flexibility means that investors can monitor and analyze market conditions, policy changes and company performance in real time, so as to adjust their portfolios according to this change. For example, after the emergence of significant positive or negative news in the market, investors need to react quickly and adjust their asset allocation to take full advantage of market opportunities or avoid possible risks. This shows that they must always be on high alert and ready to adjust. This speed of response not only depends on the timely acquisition of information, but also requires investors to have a clear decision-making framework and operating process. They need to cope calmly in the fast-changing market and not be controlled by emotions, so as to ensure objective and reasonable decisions. It also determines that investors should have confidence, decisiveness and other qualities, to make wise choices between risks and opportunities. At the same time, they also need to build a sound risk management mechanism in order to effectively control potential economic losses. When the market is volatile or the mood is very volatile, the flexibility of asset allocation is especially critical. Investors should always pay attention to their risk tolerance and make appropriate adjustments according to this tolerance. If the market risk preference is high, the proportion of stable asset allocation can be

increased to maintain and increase value; And when the market risk appetite is large, the proportion of equity asset allocation can be moderately increased in order to obtain higher returns.

3.3 Coping mechanism when investors' risk appetite changes

The change of investors' risk appetite may have an impact on their asset allocation and investment decisions, so it is necessary to build a coping mechanism. After the change of investors' risk preference, it is necessary to conduct comprehensive risk assessment and portfolio analysis to understand their new risk preference and tolerance. According to the evaluation results, timely asset allocation adjustment and portfolio rebalancing are carried out to meet the new risk appetite of investors. In addition, investors may also consider adopting diversified investment products and strategies to adapt to different risk preferences. For example, investors with greater risk appetite can increase the proportion of equity asset allocation; And investors with less risk appetite can increase the proportion of fixed income asset allocation. By building a flexible response mechanism, investors can better respond to changes in risk appetite, so as to obtain long-term stable growth of investment portfolios.

4. Closing remarks

To sum up, risk appetite is a core concept that cannot be ignored in the financial market. It not only affects the decision-making process of investors, but is also closely related to asset allocation and risk management. Investors' risk appetite can be more accurately assessed and understood through psychological tests and questionnaires, analysis of historical transaction data, and consideration of investors' life cycle. At the same time, with the changes in the market environment and investors' own situation, the adjustment of asset allocation strategy is particularly important. Investors should maintain the flexibility of their strategies to adapt to changing market conditions, and adjust their investment strategies in a timely manner when risk appetite changes to achieve long-term wealth growth and risk control.

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