

# Psychological Determinants of Safe-Haven Asset Preference: Why Investors Choose Gold

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## Abstract

Gold has historically been regarded as one of the world's most trusted safe-haven assets, particularly during periods of economic uncertainty, inflation, geopolitical instability, and financial crises. While traditional finance attributes investors' preference for gold to portfolio diversification and risk management, behavioural finance suggests that psychological characteristics significantly influence perceptions of safety and investment preferences. Despite extensive research on gold as an investment vehicle, relatively few studies have examined the psychological determinants underlying

investors' preference for gold as a safe-haven asset. This paper explores how individual personality traits shape perceptions of security, financial stability, and long-term wealth preservation, thereby influencing gold investment behaviour. Drawing upon behavioural finance theory and personality psychology, the paper synthesizes existing literature and proposes a conceptual framework linking the Big Five personality traits with safe-haven asset preference. The paper argues that conscientiousness, emotional stability, and certain dimensions of agreeableness are associated with stronger preferences for gold due to greater emphasis on security, wealth preservation, and risk mitigation. The proposed framework contributes to behavioural finance by integrating personality psychology with safe-haven investment behaviour and provides practical implications for financial advisors, policymakers, and investment professionals seeking to better understand investor decision-making under uncertainty.

**Keywords:** Behavioural Finance, Gold Investment, Safe-Haven Assets, Personality, Big Five, Financial Psychology, Risk Perception, Investment Behaviour.

## 1. Introduction

Investment decisions have traditionally been explained through classical financial theories that assume investors behave rationally, process all available information objectively, and allocate resources to maximize expected returns while minimizing risk (Markowitz, 1952; Fama, 1970). However, repeated episodes of financial crises, economic recessions, geopolitical conflicts, and market volatility have demonstrated that investors frequently deviate from purely rational behaviour. Financial decisions are often shaped by emotions, cognitive biases, personal beliefs, and psychological characteristics rather than objective financial information alone. These observations have led to the emergence of behavioural finance, an interdisciplinary field integrating psychology and economics to explain how individuals actually make investment decisions (Kahneman & Tversky, 1979; Thaler, 1985; Barberis & Thaler, 2003).

Among the wide range of investment alternatives available to investors, gold has consistently maintained its reputation as one of the world's most preferred safe-haven assets. During periods of economic uncertainty, inflation, financial instability, currency depreciation, and geopolitical tensions, investors frequently increase their allocation toward gold as a means of preserving wealth and reducing portfolio risk (Baur & Lucey, 2010; Baur & McDermott, 2010). Unlike many financial instruments whose value depends primarily on corporate performance or market confidence, gold is widely perceived as possessing intrinsic value, universal acceptability, and long-term purchasing power. Consequently, gold occupies a distinctive position within both institutional and household investment portfolios.

The Indian context presents a particularly interesting case for understanding safe-haven investment behaviour. India is

one of the largest consumers of gold globally, with households traditionally viewing gold as a symbol of prosperity, financial security, cultural identity, and intergenerational wealth. Gold serves multiple functions beyond investment; it acts as a store of value, a hedge against inflation, a source of emergency liquidity, and an essential component of religious ceremonies, weddings, and family inheritance. Even during periods of rising prices or the availability of alternative investment avenues such as equities, mutual funds, and sovereign gold bonds, Indian households continue to display a strong preference for physical gold (Sane & Singh, 2022). This persistent preference suggests that investment decisions involving gold are influenced by factors extending beyond conventional economic considerations.

Existing research has extensively examined gold from financial and macroeconomic perspectives. Numerous studies have established its role as an inflation hedge, portfolio diversifier, and safe-haven asset during periods of market turbulence (Baur & Lucey, 2010; Baur & McDermott, 2010). Simultaneously, behavioural finance research has demonstrated that investor psychology significantly influences financial decision-making through heuristics, emotions, overconfidence, loss aversion, and risk perception (Kahneman & Tversky, 1979; Barberis & Thaler, 2003). Despite these advances, relatively limited attention has been devoted to understanding why certain individuals consistently perceive gold as psychologically safer than other investment alternatives.

Personality psychology offers an important perspective for addressing this gap. Personality traits influence how individuals perceive uncertainty, evaluate financial risk, regulate emotions, and make long-term financial decisions. The Five-Factor Model of personality, comprising openness to experience, conscientiousness, extraversion, agreeableness, and neuroticism, has emerged as one of the most widely accepted frameworks for explaining stable behavioural differences among individuals (Costa & McCrae, 1992). Previous studies have reported significant relationships between personality traits and investment behaviour, financial risk tolerance, portfolio diversification, and investment intentions (Nicholson et al., 2005; Durand et al., 2013; Nandan & Saurabh, 2016). However, most of this research has focused on general investment behaviour rather than explaining preferences for specific asset classes such as gold.

The present paper argues that investors' preference for gold cannot be understood solely through market conditions or economic indicators. Instead, the perception of gold as a safe-haven asset is also shaped by stable psychological characteristics that influence individuals' need for certainty, financial security, and protection against uncertainty. Investors differ considerably in their tolerance for financial risk, future orientation, emotional stability, and preference for wealth preservation. These individual differences may explain why some investors consistently allocate a larger proportion of their wealth to gold, whereas others prefer higher-risk financial assets despite facing similar economic conditions.

Accordingly, this paper aims to examine the psychological determinants underlying safe-haven asset preference by integrating behavioural finance with personality psychology. Specifically, it proposes a conceptual framework explaining how the Big Five personality traits influence perceptions of financial security, risk, and wealth preservation, ultimately shaping preferences for gold investment. By shifting the focus from gold as merely a financial instrument to gold as a psychologically meaningful safe-haven asset, the paper contributes to behavioural finance literature in three important ways.

First, it extends existing safe-haven asset research by emphasizing psychological rather than purely macroeconomic determinants of gold investment. Second, it integrates personality psychology into behavioural finance to explain why investors differ in their perceptions of financial safety despite facing similar economic environments. Third, it provides a conceptual framework that can guide future empirical investigations examining the relationships among personality traits, risk perception, financial security, and gold investment behaviour.

Understanding why investors choose gold extends beyond explaining investment preferences; it provides valuable insights into how individuals respond to uncertainty, construct financial security, and preserve wealth during periods of economic instability. Consequently, examining the psychological foundations of safe-haven asset preference contributes not only to behavioural finance theory but also to financial planning, investment advisory services, and the development of investor-centred financial products.

## 2. Review of Literature

### 2.1 Classical Financial Theory and Its Limitations

The foundation of modern investment theory rests on the assumption that investors are rational agents who process all available information efficiently and make decisions to maximize expected utility. Markowitz (1952) formalized this notion through

mean-variance portfolio theory, arguing that rational investors select portfolios based on the trade-off between expected return and variance of returns. Building on this, Fama (1970) proposed the Efficient Market Hypothesis (EMH), which posits that asset prices at any point in time fully reflect all available information, thereby making it impossible for investors to systematically outperform the market. Together, these frameworks established rationality, information efficiency, and utility maximization as the cornerstones of financial decision-making.

However, persistent empirical anomalies — including asset price bubbles, herd behaviour, excessive market volatility, and systematic return predictability — have challenged the assumptions underlying classical financial theory. Observed investor behaviour frequently deviates from the rational-agent model in systematic and predictable ways, suggesting that psychological factors play a significant role in financial decision-making. These limitations created a theoretical vacuum that behavioural finance subsequently sought to address.

### 2.2 Behavioural Finance: Psychology and Investment Decision-Making

The seminal work of Kahneman and Tversky (1979) fundamentally reoriented the study of financial decision-making by introducing Prospect Theory, which demonstrated that individuals evaluate outcomes relative to a reference point rather than in absolute terms, and that losses loom psychologically larger than equivalent gains — a phenomenon termed loss aversion. This departure from expected utility theory provided a psychologically realistic account of how individuals make decisions under conditions of risk and uncertainty. Kahneman and Tversky (1979) further identified a range of cognitive heuristics — including representativeness, availability, and anchoring — that systematically distort judgment and produce predictable errors in financial decision-making.

Thaler (1985) extended this framework through the concept of mental accounting, demonstrating that individuals partition their financial resources into separate psychological accounts and apply different decision rules to each, rather than treating wealth as fungible. This has direct implications for understanding portfolio construction and asset allocation, as investors do not evaluate risk and return at the level of the overall portfolio but rather assess individual assets or "accounts" in isolation.

Barberis and Thaler (2003) provided a comprehensive review of behavioural finance, synthesizing evidence that investor behaviour is shaped by a broad range of psychological biases, including overconfidence, anchoring, representativeness, and loss aversion. They argued that these biases produce systematic mispricing in financial markets and that investor sentiment significantly influences asset demand and pricing dynamics. Critically, Barberis and Thaler (2003) demonstrated that behavioural finance does not merely document irrational anomalies but offers theoretically grounded models capable of explaining both individual decision-making and aggregate market outcomes.

Collectively, this body of work establishes that investment behaviour cannot be fully explained by rational-agent models and that psychological processes — including cognitive biases, emotional responses, and subjective risk perceptions — are fundamental determinants of how investors evaluate and select assets.

### **2.3 Gold as a Safe-Haven and Hedge Asset**

A substantial body of financial research has examined gold's role within investment portfolios, particularly during periods of economic uncertainty and market turbulence. Baur and Lucey (2010) conducted a foundational empirical investigation into whether gold functions as a hedge or a safe-haven asset for stock and bond markets across the United States, the United Kingdom, and Germany. They drew a conceptual distinction between a hedge — an asset negatively correlated with another asset on average — and a safe haven — an asset uncorrelated or negatively correlated with another asset specifically during periods of market stress. Their findings confirmed that gold serves as a safe haven for stocks during extreme market downturns, though this property is short-lived, with investors tending to rebalance their portfolios within weeks of a financial shock.

Extending this analysis to a broader international context, Baur and McDermott (2010) examined gold's role across both developed and emerging markets, finding that gold functions as a strong safe haven for major European stock markets and the United States but plays a weaker role in emerging markets such as Brazil, Russia, India, and China. They concluded that gold's safe-haven properties are particularly pronounced during global financial crises and that gold occupies a unique position among financial assets as a store of value during periods of systemic risk. Together, Baur and Lucey (2010) and Baur and McDermott (2010) established the theoretical and empirical foundation for understanding gold's distinctive role in investor portfolios during economic turbulence.

These studies, however, examined gold primarily from a macroeconomic and financial market perspective, focusing on price correlations, return dynamics, and portfolio diversification properties. They did not address the psychological or individual-level factors that lead investors to perceive gold as psychologically safer than alternative assets, representing a significant gap that the present paper seeks to address.

### **2.4 Gold Investment Behaviour in the Indian Context**

The Indian context represents a distinctive environment for examining gold investment behaviour. India is among the largest consumers of gold globally, and the preference for gold among Indian households reflects a complex interplay of cultural tradition, economic history, and practical financial considerations. Sane and Singh (2022) examined gold ownership patterns among Indian households, finding that gold remains deeply embedded in household financial portfolios even in the presence of alternative investment instruments such as equities, mutual funds, and sovereign gold bonds. Their work highlighted that Indian households view gold not merely as an investment vehicle but as a multi-functional asset that simultaneously serves as a store of value, a hedge against inflation, a source of emergency liquidity, and a socially significant asset associated with religious ceremonies, marriages, and intergenerational wealth transfer.

Sane and Singh (2022) further observed that this persistent preference for gold persists across income groups and educational levels, suggesting that gold demand in India is driven by deeply held cultural norms and psychological associations with financial security rather than purely by financial optimization. This evidence reinforces the argument that gold investment behaviour — particularly in culturally embedded contexts such as India — cannot be adequately explained by rational financial models alone and requires integration of psychological and cultural determinants.

### **2.5 Personality Psychology and Investment Behaviour**

Personality psychology offers a complementary theoretical lens for understanding individual differences in investment behaviour. The Five-Factor Model (FFM), developed by Costa and McCrae (1992), identifies five broad, stable dimensions of personality — openness to experience, conscientiousness, extraversion, agreeableness, and neuroticism — that account for the most important dimensions of individual variation in behaviour, cognition, and affect. The FFM has demonstrated cross-cultural validity and has been extensively applied in organizational, clinical, and social psychology research.

Within the domain of financial decision-making, Nicholson et al. (2005) examined the relationship between

personality traits and financial risk-taking behaviour, finding that sensation-seeking and low harm-avoidance — traits conceptually overlapping with low neuroticism and high openness — were associated with a greater propensity for financial risk-taking. Their findings suggested that personality characteristics exert a meaningful influence on individuals' willingness to accept financial risk, independently of knowledge, experience, or market conditions.

Durand et al. (2013) investigated the relationship between the Big Five personality traits and investor behaviour, finding that neuroticism was positively associated with loss aversion and conservative investment choices, while conscientiousness was linked to more systematic and disciplined investment approaches. Their work provided empirical evidence that stable personality dispositions shape the cognitive and emotional processes through which investors evaluate financial risk and construct investment portfolios.

In the Indian context, Nandan and Saurabh (2016) explored the influence of personality traits on investment decision-making among individual investors, finding that personality characteristics significantly moderated investor behaviour, particularly with respect to risk tolerance and preference for conservative versus growth-oriented investments. Their findings suggested that personality-level differences contribute to heterogeneity in investment behaviour even among investors operating within the same macroeconomic environment.

Taken together, these studies establish that personality traits — particularly neuroticism, conscientiousness, and openness to experience — are meaningful predictors of financial risk tolerance, investment intentions, and portfolio behaviour. However, existing research has largely examined personality traits in relation to general investment behaviour and financial risk-taking, rather than investigating how specific personality dispositions shape preferences for particular asset classes such as gold. This gap motivates the present paper's focus on identifying the personality-level mechanisms through which investors come to perceive gold as a psychologically meaningful safe-haven asset.

### **3. Research Gap**

The existing literature provides substantial evidence regarding the financial characteristics of gold as a safe-haven asset and the influence of psychological factors on investment behaviour. Research has established gold's role as a hedge against inflation, a portfolio diversifier, and a refuge during periods of economic uncertainty (Baur & Lucey, 2010; Baur & McDermott, 2010). Similarly, behavioural finance studies have demonstrated that cognitive biases, emotions, and personality traits significantly influence investment decisions (Kahneman & Tversky, 1979; Barberis & Thaler, 2003).

Despite these contributions, three important gaps remain.

First, most safe-haven asset studies primarily examine macroeconomic determinants such as inflation, interest rates, geopolitical uncertainty, and financial crises, while comparatively little attention has been devoted to the psychological factors underlying investors' perception of safety.

Second, although personality psychology has been widely applied to explain financial risk tolerance and investment behaviour, very few studies have investigated how personality traits influence preferences for specific safe-haven assets such as gold.

Third, existing research generally treats gold investment as an economic decision rather than as a psychologically motivated response to uncertainty, fear, and the need for financial security.

Accordingly, this paper proposes a conceptual framework integrating personality psychology with

behavioural finance to explain why investors perceive gold as a preferred safe-haven asset.

#### **4. Objectives of the Study**

The present paper seeks to achieve the following objectives:

1. To examine the psychological determinants influencing investors' preference for gold as a safe-haven asset.
2. To explain how personality traits shape perceptions of financial security and investment decisions.
3. To integrate behavioural finance and personality psychology into a conceptual framework explaining gold investment behaviour.
4. To provide theoretical directions for future empirical research on psychological influences in safe-haven asset preference.

#### **5. Conceptual Framework**

Traditional behavioural finance primarily explains investment behaviour through heuristics, emotions, and cognitive biases. While these mechanisms explain deviations from rational decision-making, they do not fully explain why investors consistently perceive one particular asset as psychologically safer than others.

The present paper proposes that personality traits influence investment behaviour indirectly by shaping individual perceptions of uncertainty, financial security, and wealth preservation.

The proposed framework suggests the following sequence:

Big Five Personality Traits

↓

Risk Perception

↓

Need for Financial Security

↓

Safe-Haven Asset Preference

↓

Gold Investment Behaviour

Individuals who demonstrate higher levels of conscientiousness are expected to emphasize disciplined financial planning and long-term wealth preservation, increasing their preference for gold. Individuals with higher neuroticism may perceive greater

financial uncertainty and consequently exhibit stronger demand for safe-haven assets. Agreeableness may encourage investments supporting family security and stability, whereas openness may encourage diversification beyond traditional assets.

Extraversion may be associated with greater tolerance for investment risk and reduced dependence on conservative investments.

The framework positions psychological security as the central mechanism linking personality with gold investment behaviour.

## **6. Discussion**

The findings of the reviewed literature suggest that gold occupies a unique psychological position within investment portfolios. Unlike equities, cryptocurrencies, or speculative assets, gold is widely associated with certainty, permanence, and protection during periods of financial instability. These characteristics extend beyond objective investment performance and reflect investors' subjective perceptions of security.

Behavioural finance has established that investors evaluate financial decisions through psychological filters rather than objective probabilities alone. Consequently, identical economic conditions may produce different investment decisions among individuals possessing different personality characteristics.

Conscientious investors generally demonstrate greater planning behaviour, financial discipline, and preference for long-term stability. Such individuals may therefore perceive gold as an effective instrument for preserving wealth rather than generating speculative gains. This interpretation aligns with previous studies linking conscientiousness to prudent financial behaviour and lower impulsivity.

Neuroticism presents a more complex relationship with gold investment. Individuals with higher neurotic tendencies often experience greater anxiety regarding uncertainty and financial loss. Consequently, these investors may seek psychologically comforting investments that reduce perceived financial vulnerability. Gold's historical reputation as a safe-haven asset makes it particularly attractive during periods of uncertainty.

Agreeable individuals frequently prioritize family welfare and long-term security over personal financial achievement. Consequently, their preference for gold may reflect a desire to ensure financial protection for dependents rather than maximize investment returns.

Conversely, individuals high in openness often demonstrate greater curiosity and willingness to explore innovative financial opportunities. Such investors may exhibit greater diversification across equities, mutual funds, exchange-traded funds, and alternative investments, reducing exclusive dependence on gold.

Similarly, extraverted investors generally display greater confidence, optimism, and willingness to accept financial risk. Such characteristics may encourage participation in higher-risk assets offering potentially greater returns.

Collectively, these observations suggest that investors do not choose gold solely because of market conditions. Rather, they choose gold because it satisfies psychological needs relating to certainty, emotional comfort, financial control, and wealth preservation.

The present framework therefore extends behavioural finance by positioning psychological security as an intermediate mechanism connecting personality characteristics with investment behaviour.

## **7. Practical Implications**

The proposed framework has several practical implications.

Financial advisors may improve portfolio recommendations by considering investors' personality characteristics alongside traditional measures of financial risk tolerance.

Banks and wealth management institutions may design personalized investment products recognizing that investor decisions are influenced by psychological needs as much as expected returns.

Financial educators may improve investor awareness by distinguishing between objective financial risk and subjective perceptions of safety.

Policy makers seeking to increase participation in diversified financial markets should recognize that psychological attachment to gold cannot be addressed solely through economic incentives.

## **8. Limitations**

The present study is conceptual in nature and therefore does not empirically test the proposed relationships.

The framework is primarily developed within the Indian context where gold possesses substantial cultural and economic significance.

Furthermore, personality represents only one component of investment behaviour; demographic, cultural, and macroeconomic variables may also influence safe-haven asset preference.

## **9. Future Research Directions**

Future empirical studies may validate the proposed framework using structural equation modelling or longitudinal survey designs.

Researchers may investigate whether risk perception mediates the relationship between personality traits and gold investment behaviour.

Comparative studies examining investors across different countries could determine whether psychological determinants of safe-haven preference differ across cultures.

Future research may also compare preferences for gold with other safe-haven assets such as government bonds, real estate, the Swiss franc, or digital assets during periods of economic uncertainty.

Finally, integrating behavioural finance with neuroscience and financial psychology may provide deeper insights into the cognitive mechanisms underlying safe-haven investment decisions.

## **10. Conclusion**

Gold continues to occupy a unique position within global investment markets because its appeal extends beyond financial returns. Investors frequently perceive gold as a source of certainty, protection, and long-term financial security during periods of economic uncertainty. The present paper argues that these perceptions are not solely determined by market conditions but are significantly influenced by stable psychological characteristics.

By integrating behavioural finance with personality psychology, this study proposes a conceptual framework

explaining how personality traits influence perceptions of risk, financial security, and ultimately safe-haven asset preference. The framework suggests that investors' decisions to allocate wealth toward gold are shaped not only by economic considerations but also by enduring psychological differences in how uncertainty is perceived and managed.

The paper contributes to the growing behavioural finance literature by shifting the focus from the economic performance of gold to the psychological processes underlying investors' preference for safe-haven assets. This perspective provides a more comprehensive understanding of gold investment behaviour and offers a foundation for future empirical investigations into the interplay between personality, financial decision-making, and investment preferences.

## References

1. Barberis, N., & Thaler, R. (2003). A survey of behavioral finance. In G. M. Constantinides, M. Harris, & R. M. Stulz (Eds.), *Handbook of the Economics of Finance* (Vol. 1, pp. 1053–1128). Elsevier. [https://doi.org/10.1016/S1574-0102\(03\)01027-6](https://doi.org/10.1016/S1574-0102(03)01027-6)
2. Baur, D. G., & Lucey, B. M. (2010). Is gold a hedge or a safe haven? An analysis of stocks, bonds and gold. *The Financial Review*, 45(2), 217–229. <https://doi.org/10.1111/j.1540-6288.2010.00244.x>
3. Baur, D. G., & McDermott, T. K. (2010). Is gold a safe haven? International evidence. *Journal of Banking & Finance*, 34(8), 1886–1898. <https://doi.org/10.1016/j.jbankfin.2009.12.008>
4. Costa, P. T., & McCrae, R. R. (1992). Revised NEO Personality Inventory (NEO PI-R) and NEO Five-Factor Inventory (NEO-FFI): Professional manual. Psychological Assessment Resources.
5. Durand, R. B., Newby, R., Peggs, L., & Siekierka, M. (2013). Personality. *Journal of Behavioral Finance*, 14(2), 116–133. <https://doi.org/10.1080/15427560.2013.791294>
6. Fama, E. F. (1970). Efficient capital markets: A review of theory and empirical work. *The Journal of Finance*, 25(2), 383–417. <https://doi.org/10.2307/2325486>
7. Kahneman, D., & Tversky, A. (1979). Prospect theory: An analysis of decision under risk. *Econometrica*, 47(2), 263–291. <https://doi.org/10.2307/1914185>
8. Markowitz, H. (1952). Portfolio selection. *The Journal of Finance*, 7(1), 77–91. <https://doi.org/10.2307/2975974>
9. Nandan, T., & Saurabh, K. (2016). Big-Five personality traits, financial risk attitude and investment intentions: Study on Generation Y. *International Journal of Business Forecasting and Marketing Intelligence*, 2(2), 128–150. <https://doi.org/10.1504/IJBFMI.2016.077473>
10. Nicholson, N., Soane, E., Fenton-O'Creevy, M., & Willman, P. (2005). Personality and domain-specific risk taking. *Journal of Risk Research*, 8(2), 157–176. <https://doi.org/10.1080/1366987032000123856>
11. Sane, R., & Singh, M. (2022). Gold ownership in Indian households. National Institute of Public Finance and Policy Working Paper.
12. Thaler, R. H. (1985). Mental accounting and consumer choice. *Marketing Science*, 4(3), 199–214. <https://doi.org/10.1287/mksc.4.3.199>