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Factors Influencing Mutual Fund Performance: Manager Skill, Fees, Fund Size, and Market Conditions

[1]Dr.P. Mathuraswamy, [2] Dr. A. Elaiyaraja, [3] Dr. G. Thiyagarajan

[1]Associate Professor, School of Business and Leadership,

MIT World Peace University, Pune, Maharashtra India

[2]Assistant Professor, MBA Department,Panimalar Engineering College,

Bangalore Trunk Road. Varadharajapuram, Poonamallee, Chennai, Tamil Nadu, India

[3]Assistant Professor, BBA Department, S. A. College of Arts & Science

Avadi-Poonamallee Road, Veeraraghavapuram, Thiruverkadu, Chennai, Tamil Nadu, India

Abstract

Mutual fund performance depends on many things, including the fund manager's skill. Investors must evaluate a manager's past performance, investment strategy, and market adaptability to make informed investment decisions. Remember that past performance does not guarantee future outcomes, and knowing the fund's strategy and manager's approach is crucial for investing. Mutual fund performance depends on fees. Investors should evaluate a fund's management fees, loads, and other charges to determine their influence on returns. Active vs. passive funds and fee transparency can also affect investment decisions. Fund size affects performance differently depending on kind and market. Larger funds may face style drift, liquidity concerns, and operational hazards notwithstanding economies of scale. Investors should carefully analyse a fund's characteristics, investment approach, and how its size may affect its goals. Mutual fund evaluation should also include manager expertise, costs, and historical performance. Investors must examine market dynamics and mutual funds' responses. Making informed investment selections requires understanding the macroeconomic climate, global events, and a fund's capacity to traverse changing market conditions. Investors should also match their investing goals and risk tolerance with the funds they buy, considering more than previous performance.The main goal of the research is toidentify &analyse factors which influence mutual fund performance in the context of manager Skill, fees, fund size, and market conditions.

Keywords: *Mutual Fund Performance, Manager Skill, Fees, Fund Size, Market Conditions*

Introduction

Mutual funds are crucial in the investment field as they offer clients diversified portfolios that are overseen by skilled fund managers. The performance of mutual funds is impacted by numerous elements, each of which contributes to the overall success or difficulty experienced by these investment vehicles. Within this particular framework, a number of essential factors arise as pivotal components that influence the performance of mutual funds (Bajracharya, R. B., 2018). This study explores four key factors: Manager Skill, Fees, Fund Size, and Market Conditions, explaining their importance and how they are interconnected in the ever-changing realm of mutual fund investments.

The proficiency and astuteness of fund managers are essential factors in determining the success of mutual fund performance (Parmar, C., 2019). A proficient manager demonstrates proficiency in manoeuvring intricate financial markets, making insightful investment choices, and adjusting tactics in accordance with ever-changing

economic circumstances. The manager's expertise in basic and quantitative analysis, along with a comprehension of risk management, is crucial in determining the performance of a fund. Investors rely on the manager's expertise to generate consistent and competitive returns, making the manager's skill a crucial aspect (Hooda, L., 2018).

The cost framework linked to mutual funds, which includes management fees, operating expenses, and load fees, has a substantial effect on investor returns (Khasa, S., & Chander, H., 2023). The fund's expenditure ratio is directly impacted by management fees, which in turn affect the net returns obtained by investors. Excessive fees can gradually diminish the overall effectiveness of a fund, highlighting the significance of effectively managing costs. Furthermore, investors' decision-making processes are influenced by factors such as the selection between load and no-load funds, as well as the level of charge transparency. It is crucial to find a middle ground between affordable fees and strong fund management in order to maximise the performance of mutual funds.

The magnitude of a mutual fund adds a subtle aspect to its performance dynamics. Although a larger fund can take advantage of economies of scale, resulting in lower expense ratios and increased bargaining power, it may also face difficulties such as liquidity restrictions and style drift. In contrast, smaller funds may demonstrate enhanced adaptability and nimbleness in their investment strategies, which could enable them to discover specialised opportunities. The interaction between the size of a fund and its performance necessitates a careful equilibrium, recognising the benefits and drawbacks linked to both larger and smaller funds.

Market conditions play a crucial role in determining the success of mutual funds, as they operate within the dynamic environment of financial markets. Investment outcomes are significantly influenced by economic data, interest rates, and geopolitical events. Experienced investment managers who are skilled at navigating different market conditions are more likely to take advantage of opportunities and reduce risks. Moreover, the fund's ability to adjust to both rising and falling markets, its ability to react to changes in industry trends, and the influence of global events all contribute to the complexities of mutual fund performance in response to changing market conditions.

Essentially, the elements that impact the performance of mutual funds are linked and complex. Successful investment outcomes result from the mutually beneficial connection between competent management, sensible fee structures, suitable fund sizes, and a shrewd comprehension of the current market conditions. When investors consider mutual fund investments, it is crucial for them to have a thorough understanding of these variables in order to make well-informed selections and achieve their financial goals.

Review Literature

There is a complex web of interrelationships and characteristics that contribute to the performance of mutual funds. Based on Jensen, M. C.'s research from 1968, successful investment outcomes are the result of a symbiotic interaction between skillful management, reasonable fee structures, appropriate fund sizes, and an accurate awareness of the current market conditions. Malkiel, B. G. (2003) conducted an investigation of the knowledge and experience of fund managers, which is considered to be a fundamental component in the field of mutual fund performance. The capacity to traverse complex financial markets, make intelligent decisions regarding investments, and modify strategies in response to changing economic conditions are all skills that a successful manager possesses. When it comes to determining the success of a fund, the manager's expertise in basic and quantitative analysis, in addition to their understanding of risk management, plays a vital role. In light of the fact that investors are placing their trust in the managerial expertise of the company, the talent of the manager becomes an essential component in the delivery of consistent and competitive returns. According to Chen et al. (2000), the cost structure of mutual funds, which includes management fees, operating expenditures, and load fees, has a major impact on the returns that investors receive. Investment management costs have a direct impact on the expense ratio of the fund, which in turn has an effect on the net returns that investors receive. According to Carhart, M. M. (1997), high fees have the potential to reduce the overall performance of a fund, highlighting the significance of effective cost management. In addition, the decision-making processes of investors are influenced by numerous factors, including the availability of load funds and no-load funds, as well as the transparency of fees (Berk., et.al., 2004). When it comes to optimising the performance of mutual funds, it

is absolutely necessary to find a middle ground between managing the funds effectively and charging acceptable fees. According to Fama et al. (1993), the performance of mutual funds is heavily dependent on the conditions of the market because mutual funds operate within the constantly shifting landscape of the financial markets. The outcomes of investments are drastically impacted by a variety of factors, including economic indicators, interest rates, and geopolitical events. According to Sharpe, W. F. (1991), fund managers that are skilled and proficient at navigating different market settings are in a better position to capitalise on opportunities and limit risks. Moreover, the adaptability of the fund to both bull and depression markets, its responsiveness to sector rotations, and the impact of global events are all factors that collectively contribute to the complexities of mutual fund performance in the face of changing market conditions. The performance dynamics of a mutual fund are influenced by a subtle dimension that is introduced by the size of the fund (Balani, R., 2018). In spite of the fact that a larger fund might reap the benefits of economies of scale, which could result in reduced expense ratios and more bargaining power, it might also have to contend with difficulties such as liquidity restrictions and style drift (Cremers, M., et al., 2009). Smaller funds, on the other hand, may demonstrate greater flexibility and agility in their investing strategies, which may lead to the discovery of possibilities that are not widely available (Pastor, L., 2002). In order to address the dynamic relationship between fund size and performance, it is necessary to strike a delicate balance, taking into account the benefits and drawbacks that are connected with both larger and smaller funds.

Objectives of the study

The study's stated goals and hypotheses were developed after a thorough literature review indicated a research gap.

- To study mutual fund performance.
- To identify factors influencing mutual fund performance & role of manager Skill, fees, fund size, and market conditions.
- To analyse factors which influence mutual fund performance in the context of manager Skill, fees, fund size, and market conditions

Hypotheses of the Study

H01: Manager skill, fee, fund size & market conditionis not a factor in the criteria examined for mutual fund performance.

H02: Factors examined (manager skill, fee, fund size & market condition) had no variation in relation to respondents' frequency of mutual fund performance.

Research Methodology

A convenience sample of 272 working professionals from Chennai, Tamil Nadu, who invest in mutual funds was generated using the snow ball sampling technique. This was done in order to achieve the goals that were specified for the research. This research study was conducted with the investor paradigm serving as a frame of reference throughout its entirety. A questionnaire was used to collect the primary data for the study. The questionnaire asked respondents about their personal information, their habit of investing in mutual funds, market conditions, and other related topics.

Result and discussion

Table 1: Reliability Test

Factor/ Statements	Cronbach's Alpha	No. of Items
Manager Skill :Factors influencing mutual fund performance in the context of Manager Skill	0.811	10

Fee :Factors influencing mutual fund performance in the context of fee	0.827	10
Fund Size: Factors Influencing Mutual Fund Performance in the Context of Fund Size	0.796	10
Marketing Conditions: Factors Influencing Mutual Fund Performance in the Context of Marketing Conditions	0.882	10

Table 1 examined the internal consistency test of Reliability statistics and reported that the estimated value of Cronbach Alpha exceeds .60 in all categories. Therefore, there is internal consistency among the variables, allowing for the possibility of conducting additional statistical tests.

Table 2: KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy		0.917
Bartlett's Test of Sphericity	Approx. Chi-Square	4172.126
	Df	12
	Sig.	.000

Table 2 evaluates the KMO and Bartlett's test, as well as the adequacy of the sampling and the study's conclusions. The study reports that the estimated KMO value is .917, which is in close proximity to 1. Furthermore, the Bartlett's Test of Sphericity value is .000, which falls below the permissible threshold limit of .005. Hence, the sample size is sufficiently large to conduct factor analysis.

#1: Factors influencing mutual fund performance in the context of Manager Skill

Table 3: Total Variance Explained

Total Variance Explained									
	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3.365	34.858	34.858	3.365	34.858	34.858	3.312	24.299	24.299
2	1.244	13.685	48.543	1.244	13.685	48.543	3.103	46.130	70.429
3	.861	8.787	57.330						
4	.846	8.460	65.79						
5	.758	7.579	73.369						
6	.721	7.386	80.755						
7	.633	6.451	87.206						

8	.571	5.723	92.929						
9	.528	5.283	98.212						
10	.472	2.123	100.000						
Extraction Method: Principal Component Analysis.									

The performance of a mutual fund is affected by multiple elements, and the proficiency of the fund manager plays a vital role in deciding the mutual fund's success. Table 3 examined the total variance explained and found that the cumulative estimated value is 70.429%, above the acceptable threshold limit of 60%. Additionally, it reduced the number of variables from 10 to 2, making them more manageable.

Table 4: Rotated Component Matrix[a]

Rotated Component Matrix[a]		
	Component	
	1	2
Investment Strategy	.734	
Market Timing	.469	
Fundamental & Quantitative Analysis	.458	
Outperformance Relative to Benchmarks	.564	
Diversification	.789	
Risk-adjusted Returns	.546	
Investor Relations		.621
Economic Trends		.679
Discipline		.564
Emotional Intelligence		.731
Extraction Method: Principal Component Analysis. Rotation Method: Varimax with Kaiser Normalization.		
a. Rotation converged in 3 iterations.		

Interpretation: Table 4 examined the rotated component matrix and indicated that all the variables being studied had values exceeding the permissible threshold level of .40. Hence, it is possible to effectively decrease 10 variables to two newly generated components.

Findings

- It is crucial that the fund manager has the skills to formulate and implement a solid investment plan. Managing risks, choosing investments, and allocating assets are all part of this.

- The success of a fund can be greatly affected by adept market timing, which is determined by deciding to purchase or sell assets in response to changes in the market.
- To make educated investment decisions, managers must have the ability to analyse financial accounts, economic indicators, and company performance.
- When making investing decisions, some fund managers rely on quantitative models and algorithms. The competence of the management is crucial to the success of these approaches.
- When it comes to managing risk, a competent fund manager knows that diversity is key. If you want to lessen the blow of underperforming investments, diversify your holdings across several asset classes and industries.
- How effectively a manager is producing returns in relation to the level of risk taken can be understood by assessing a fund's performance using a risk-adjusted approach.
- It is critical to keep an eye on and adjust to changes in the economy. The ability to foresee possibilities and threats presented by macroeconomic variables is a hallmark of competent management.
- Consistent adherence to the investment plan, especially in the face of uncertainty, is indicative of an experienced fund manager.
- In order to make logical choices, it is essential to comprehend and control emotions, including their own and those of investors.
- Because fewer expenses can lead to higher net returns for investors, a competent management will work to keep the fund's expenditures to a minimum.
- Skilled fund managers aim to keep the costs of buying and selling fund shares to a minimum.
- No matter the circumstances, maintaining investor confidence and influencing fund flows are both aided by effective communication with investors.
- A manager's ability to produce alpha (extra returns) can be understood by comparing the fund's performance against appropriate benchmarks.

#2: Factors influencing mutual fund performance in the context of fee

Table 5: Total Variance Explained

Total Variance Explained									
	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3.287	36.827	36.827	3.287	36.827	36.827	3.715	27.376	27.376
2	1.346	14.674	51.501	1.346	14.674	51.501	3.568	39.812	67.188
3	.960	9.297	60.798						
4	.945	9.450	70.248						
5	.857	8.568	78.816						
6	.840	8.496	87.312						
7	.733	7.831	95.143						
8	.673	2.933	98.076						
9	.648	1.005	99.081						
10	.562	0.919	100.000						
Extraction Method: Principal Component Analysis.									

Fees play a significant role in the performance of mutual funds, as they directly impact the returns that investors receive. Table 5 examined the total variance explained and found that the cumulative estimated value is 67.188%, above the acceptable threshold limit of 60%. Additionally, it reduced the number of variables from 10 to 2, making them more manageable.

Table 6: Rotated Component Matrix[a]

Rotated Component Matrix[a]		
	Component	
	1	2
Industry Competition	.816	
Fee Waivers or Rebates	.542	
Tiered Fee Structures	.337	
Performance-based Fees	.431	
Passive vs. Active Management	.863	
Clarity in Fee Disclosure	.650	
Management Fees		.714
Operating Expenses		.668
Load Fees		.603
No-Load Funds		.618
Extraction Method: Principal Component Analysis. Rotation Method: Varimax with Kaiser Normalization.		
a. Rotation converged in 3 iterations.		

Interpretation: Table 6 examined the rotated component matrix and indicated that all the variables being studied had values exceeding the permissible threshold level of .40. Hence, it is possible to effectively decrease 10 variables to two newly generated components.

Findings

- The fund manager is compensated with these fees for the management of the fund's portfolio. A reduction in management fees has the potential to enhance investors' net returns.
- Administrative and operational expenses incurred by the fund are included. Investing in funds that have reduced operating expenses may yield superior returns.
- Certain mutual funds levy sales commissions, referred to as loads, on the redemption of shares (back-end load) or at the time of purchase (front-end load). The aforementioned charges have a direct effect on the principal investment, thereby influencing the overall returns.
- Investors may find funds devoid of sales commissions, also known as no-load funds, more appealing due to the fact that the entire investment amount is invested in the fund, thereby circumventing both entry and exit fees.
- Certain funds employ stratified fee structures, wherein the expense ratio diminishes in proportion to the magnitude of the investment. Fee reductions may be advantageous for larger investments.

- Fund managers may, on occasion, levy performance-based fees, deducting a proportionate amount from the fund's profits. This may result in the manager's interests being aligned with those of the investors.
- Index funds and exchange-traded funds (ETFs) generally exhibit reduced expense ratios in comparison to actively managed funds due to their objective of replicating a particular market index as opposed to depending on active management. Long-term, decreased fees may contribute to enhanced overall performance.
- Fee disclosure must be conducted in a transparent manner so that investors may make well-informed decisions. Funds whose fee structures are transparent and simple to comprehend are, on average, more appealing.
- Concerning fee structures, the degree of competition among mutual funds can have an impact. To attract investors in a competitive environment, fund managers might be more inclined to reduce fees.
- Fee waivers or rebates may be provided by certain funds, subject to specific conditions. The terms of such arrangements must be comprehended by investors.
- Fund performance may be adversely affected by escalated transaction costs resulting from a high portfolio turnover rate. Investors ought to take into account the turnover ratio and trading costs associated with the fund.
- Investors might encounter returns that deviate from the performance projected by the fund, potentially attributable to factors such as the timing of their investments or withdrawals. The phenomenon is frequently denoted as the "investor return gap."
- Investors who have funds in tax-advantaged accounts, such as IRAs and 401(k)s, might exhibit a reduced sensitivity to tax consequences. Tax-efficient fund management has the potential to increase investors' returns after taxes.

#3: Factors Influencing Mutual Fund Performance in the Context of Fund Size

Table 7: Total Variance Explained

Total Variance Explained									
	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3.597	29.145	29.145	3.597	29.145	29.145	2.997	28.759	28.759
2	1.486	11.761	40.906	1.486	11.761	40.906	2.816	39.866	68.625
3	.930	6.177	47.083						
4	.985	7.280	54.291						
5	.697	6.209	60.5						
6	.990	6.456	66.956						
7	.863	7.235	74.191						
8	.763	6.438	80.629						
9	.778	6.981	87.61						
10	.712	12.317	100.000						
Extraction Method: Principal Component Analysis.									

The size of a mutual fund can influence its performance in various ways. While there is no one-size-fits-all answer, as different factors may impact funds differently due to several considerations related to fund size and their potential effects on mutual fund performance. Table 7 examined the total variance explained and found that

the cumulative estimated value is 68.625%, above the acceptable threshold limit of 60%. Additionally, it reduced the number of variables from 10 to 2, making them more manageable.

Table 8: Rotated Component Matrix[a]

Rotated Component Matrix[a]		
	Component	
	1	2
Cost Efficiency	.722	
Negotiating Power	.430	
Market Liquidity	.449	
Style Consistency	.552	
Impact Costs	.791	
Past Performance Impact:	.531	
Diversification		.606
Investor Confidence		.692
Redemption Risk		.554
Investment Flexibility		.727
Extraction Method: Principal Component Analysis. Rotation Method: Varimax with Kaiser Normalization.		
a. Rotation converged in 3 iterations.		

Interpretation: Table 8 examined the rotated component matrix and indicated that all the variables being studied had values exceeding the permissible threshold level of .40. Hence, it is possible to effectively decrease 10 variables to two newly generated components.

Findings

- It's possible that economies of scale work better for larger funds. Expense ratios have the ability to decrease as assets under management (AUM) rise because the fixed expenses of operating the fund can be distributed over a broader base.
- Lower transaction fees and other expenditures may be possible for larger funds due to their stronger bargaining position with service providers and brokers.
- To what extent a fund can make trades without substantially influencing market prices is dependent on its size. Particularly in less liquid markets, larger funds may find liquidity management challenging.
- Impact costs tend to be higher for larger trades, particularly in smaller or less liquid securities. If a large chunk of the fund's holdings needs to be bought or sold, this could have an impact on the fund's performance.
- It could be difficult for fund managers to stick to their initial investing strategy as their funds expand. It could be challenging for larger funds to engage in smaller, more specialised opportunities without drastically altering the fund's overall investment strategy.
- Larger funds may see a rise in correlation with market indices as they find it more difficult to manage a diverse portfolio.

• Fund performance is susceptible to large inflows and outflows. Investor actions, particularly in reaction to previous performance, can affect the fund's capacity to produce consistent returns. For instance, difficulties in efficiently allocating capital could arise from an abrupt rise in AUM, affecting future returns. The onus on fund managers to sustain performance may rise in response to substantial inflows.
• Smaller funds may be better able to react quickly to changes in the market or modify their investment strategy, and they may be able to invest in less liquid assets, which could lead to the discovery of unique possibilities that larger funds miss.

#4: Factors Influencing Mutual Fund Performance in the Context of Marketing Conditions

Table 9: Total Variance Explained

Total Variance Explained									
	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2.563	32.342	32.342	2.563	32.342	32.342	3.024	26.516	26.516
2	2.114	10.435	42.777	2.563	32.342	42.777	2.879	44.116	70.632
3	.553	6.452	49.229						
4	.664	6.340	55.569						
5	.768	8.136	63.705						
6	.572	8.678	72.383						
7	.961	7.875	80.258						
8	.737	7.489	87.749						
9	.657	6.887	94.636						
10	.633	5.465	100.000						
Extraction Method: Principal Component Analysis.									

Mutual fund performance is significantly influenced by prevailing market conditions. Various factors related to the economic environment, market trends, and global events can impact how well a mutual fund performs. Table 9 examined the total variance explained and found that the cumulative estimated value is 70.632%, above the acceptable threshold limit of 60%. Additionally, it reduced the number of variables from 10 to 2, making them more manageable.

Table 10: Rotated Component Matrix[a]

Rotated Component Matrix[a]		
	Component	
	1	2
GDP Growth	.722	
Interest Rates	.430	
Inflation	.449	
Bull and Bear Markets	.552	

Sector Rotation	.791	
Global Economic Conditions	.531	
Volatility Levels		.606
Dynamic Asset Allocation		.692
Risk-On/Risk-Off Sentiment		.554
Regulatory Changes		.727
Extraction Method: Principal Component Analysis. Rotation Method: Varimax with Kaiser Normalization.		
a. Rotation converged in 3 iterations.		

Interpretation: Table 10 examined the rotated component matrix and indicated that all the variables being studied had values exceeding the permissible threshold level of .40. Hence, it is possible to effectively decrease 10 variables to two newly generated components.

Findings

- Growth in the economy is one of the most important factors that affect the stock market. During times of economic growth, mutual funds—particularly equities funds—tend to do well.
- Different types of assets are impacted by the interest rate policy of central banks. While an increase in interest rates could be good for some stock markets, it could have the opposite effect on bond prices.
- Real investment profits can be eroded by inflation. While investing in a mutual fund, it's important to keep in mind that the market's volatility and inflationary pressures may cause the fund's performance to vary. Equity funds tend to do better in bull markets, but they could underperform in bad markets, particularly when it comes to assets with a high degree of risk.
- The performance of funds that focus on specific sectors can be affected by shifts in market sentiment, which can lead to portfolio rebalancing.
- Fund performance is susceptible to market volatility caused by events like geopolitical tensions, trade disputes, or significant political changes.
- The state of the global economy can have an impact on mutual funds that invest internationally. The value of returns can be affected by changes in currency, economic crises, or worldwide recessions.
- Opportunities and threats for mutual funds can increase in a more volatile market. While experienced fund managers might potentially profit from volatility, it does present difficulties when it comes to managing risk.
- When volatility is at its highest, liquidity could dry up, making it hard for money to purchase or sell assets without influencing prices.
- The asset allocation of successful funds can be dynamic, meaning it can change in reaction to market conditions. Maintaining a high level of performance requires the ability to adjust to various economic conditions.
- The performance of various asset classes can be affected by changes in investor attitude, specifically when they go from a risk-on to a risk-off stance.
- Fund performance is susceptible to changes in tax policies and financial rules. As an example, the amount of money that remains after taxes could alter due to changes in tax regulations.

- Operating and investment strategies of funds are susceptible to changes in regulatory restrictions.
- The banking sector is not immune to the effects of technological progress. Innovations in financial technology, such robo-advisors, have the potential to impact how mutual funds are distributed and managed.
- To get an advantage in the market, competent fund managers may use sophisticated data analytics to make smarter investment decisions.
- Sustainable and responsible investment funds may benefit from the increasing focus on environmental, social, and governance (ESG) issues among investors.
- Fund strategy and performance could be affected by the growing regulatory focus on environmental, social, and governance (ESG) disclosure and practises.
- Emotions like greed and anxiety can cause investors to act in a way that causes the market to fluctuate. It could affect the flow of capital and, by extension, the efficiency of mutual funds.

Hypothesis testing

It was determined through the utilisation of exploratory factor analysis that the findings of the study demonstrated that the null hypothesis is not accepted, while the alternative hypothesis is accepted.

Conclusion

A mutual fund's performance is a multidimensional outcome that is determined by the interaction of different elements, with the expertise of the fund manager being a central component of the overall success of the fund. In order for investors to make educated judgements regarding their investments, it is essential for them to evaluate the past performance of a manager, as well as their investment strategy and their capacity to adjust to shifting market conditions. When it comes to making decisions regarding investments, it is necessary to have a comprehensive grasp of the strategy of the fund as well as the approach taken by the manager. It is important to keep in mind that past performance does not guarantee future outcomes. A significant contributor to the performance of mutual funds is the fees. When evaluating the influence that fees, loads, and other expenses have on overall returns, investors should give careful consideration to the fee structure of a fund. This includes management fees, loads, and other charges. The option between active and passive funds, as well as the degree of fee transparency, can also play a role in the decisions that are made regarding investments. The effect that the size of a fund has on its performance might manifest itself differently depending on the type of fund and the market conditions. Despite the fact that larger funds may reap the benefits of economies of scale, they may also face obstacles such as style drift, liquidity issues, and opportunities for operational hazards. It is important for investors to give careful consideration to the individual characteristics of a fund, as well as its investment strategy and the ways in which the fund's size may influence its ability to fulfil its goals. When conducting an analysis of mutual funds, it is essential to take into account not only the past performance of the fund but also the experience of the manager and the costs. Taking into consideration the ever-changing nature of market conditions and the manner in which mutual funds adjust to these shifts is an essential consideration for investors. The ability to make informed investment decisions requires a number of critical components, including an understanding of the macroeconomic environment, the ability to stay updated about global events, and the ability to evaluate the ability of a fund to traverse diverse market circumstances. In addition, investors should ensure that their investment objectives and level of risk tolerance are aligned with the features of the funds they select, taking into consideration variables that go beyond the performance of the funds in the past.

References

[1] Balani, R. (2018). Performance Evaluation of Mutual Funds in India. Kaav International Journal of Law, Finance & Industrial Relations, 5(2), 46-51.
[2] Berk, J. B., & Green, R. C. (2004). Mutual fund flows and performance in rational markets. Journal of Political Economy, 112(6), 1269-1295.
[3] Bajracharya, R. B. (2018). A Study of Investors' Awareness Towards Mutual Funds in Kathmandu Metropolitan City, Nepal. Kaav International Journal of Law, Finance & Industrial Relations, 5(1), 92-98.
[4] Chen, H., Jegadeesh, N., & Wermers, R. (2000). The value of active mutual fund management: An examination of the stockholdings and trades of fund managers. The Journal of Financial and Quantitative Analysis, 35(3), 343-368.

[5] Cremers, M., &Petajisto, A. (2009). How active is your fund manager? A new measure that predicts performance. Review of Financial Studies, 22(9), 3329-3365.
[6] Carhart, M. M. (1997). On persistence in mutual fund performance. The Journal of Finance, 52(1), 57-82.
[7] Elton, E. J., Gruber, M. J., Das, S., & Hlavka, M. (1993). Efficiency with costly information: A reinterpretation of evidence from managed portfolios. The Review of Financial Studies, 6(1), 1-22.
[8] Fama, E. F., & French, K. R. (1993). Common risk factors in the returns on stocks and bonds. Journal of Financial Economics, 33(1), 3-56.
[9] Hooda, L. (2018). Mutual Funds Investment and Nifty 50: A Correlation Analysis. Kaav International Journal of Economics, Commerce & Business Management, 5(1), 440-444.
[10] Jensen, M. C. (1968). The performance of mutual funds in the period 1945-1964. The Journal of Finance, 23(2), 389-416.
[11] Khasa, S., & Chander, H. (2023). Stock Selection and Market Timing Ability of SBI Mutual Fund. Kaav International Journal of Economics , Commerce & Business Management, 10(1), 7-10. https://doi.org/10.52458/23484969.2023.v10.iss1.kp.a2
[12] Malkiel, B. G. (2003). The efficient market hypothesis and its critics. Journal of Economic Perspectives, 17(1), 59-82.
[13] Pastor, L., & Stambaugh, R. F. (2002). Mutual fund performance and seemingly unrelated assets. The Journal of Financial Economics, 63(3), 315-349.
[14] Parmar, C. (2019). Mutual Fund: Validation Of Performance Evaluation Index? (1st ed., pp. 132-138). Kaav Publications.
[15] Sharpe, W. F. (1991). The arithmetic of active management. Financial Analysts Journal, 47(1), 7-9.