Conditional Mutual Fund Performance in Dynamic Economy: Indian Evidence

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Abstract

No doubt, Treynor and Mazuy measure is path breaking in the field of market-timing performance. If we think it differently then we can see that conditional measure provides better performance estimates as compared to the traditional measures. Majority of the earlier studies have shown that the conditioning public information variables make the performance is better. This study takes an attempt to evaluate market-timing performance of the open-ended equity mutual fund managers based on conditional as well as traditional measures and makes a comparison of results derived from both the measures. The finding of the present study is remarkable. After inclusion of available public information in the conditional model, the statistically significant performance is increased (market-timing) as compared to the unconditional model. Finally, the statistical test implies that there is significant difference between the two measures.

I. Introduction

MUTUAL FUND IS considered a popular investment vehicle to the investors (Sadhak 1997). It plays an important role in mobilising savings from the household sector to the capital market and makes a link between the markets. Generally, it provides to the investors a reasonable return with a minimum degree of expected risk and hence, performance evaluation of mutual fund is popular to the academicians as well as professionals. Although, performance appraisal of risky asset is a fundamental difficulty in finance. Generally, portfolio performance concerns with three fundamental issues namely successful prediction of security prices, efficient estimation of market movement and diversification activities. A considerable study is dealt with the problem of market timing by employing the well-known measures of Treynor and Mazuy (1966) and Henrikson and Merton (1981). However, the traditional measures suffer from a number of problems in

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Finally, it is observed from the above analysis that the market-timing performance based on conditional measure is better than that of the unconditional approach. After statistical test, it is observed that the computed value of the test statistic is 2.3561, which is higher than the table value of ‘z’ at 5% level (1.96) of significance. This prompts us to reject the null hypothesis. Based on this finding, it may be concluded that significant difference is observed between the evidences offered by the two measures.

VII. Conclusion

In the present study, we have seen that the market-timing performance of the open-ended mutual fund (Equity type) schemes based on two measures is different. Incorporation of available public information variables in the model the significant market-timing performance of the managers has been radically changed and makes the performances look better. The statistical test also reveals that the conditional market-timing performance of the open-ended equity schemes is better than the unconditional measure. Finally, it may be recommended that further research is needed in order to prove that conditional model is superior to the traditional model after consideration of other types of mutual fund schemes. In addition to this, the use of multi-index conditional measure, breakdown of managers’ performance in the conditional framework and continuous research on sustainable investment are the natural extension of this paper.

References


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