



Performance Evaluation of Top 10 all Equity Schemes of Mutual Funds

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ABSTRACT

The India capital market has been increasing tremendously during the period of 2011 to 2015 years. Many developments have been taking place in the Indian money market and capital market. In order to help the small investors, mutual fund industry has come to occupy an important place. The author had tried to evaluate how these changes made an impact on Mutual fund industry

KEYWORDS

Summary:

In current scenario Mutual Fund is better option for investment than any other option because it provides higher return with professionally managed portfolio, Expert research team continuously watching performance of not just Indian stock exchange but international capital market and to know industry growth and industrial life cycle, fundamental analysis of particular company, so that investors preferred to invest on Mutual Fund compare to invest on direct equity.

Types of Data:

Secondary data

Source of Data: searchOnline.com

Website: www.ValueRe-

Period of the study:

5 years 2011 to 2015

Tools of analysis: Sharpe index, Jensen measures, Treynor Model, Rank analysis.

Concept of Mutual Funds

Mutual fund is a mechanism for pooling the resources by issuing units to the investors and investing funds in securities in accordance with objectives as disclosed in offer document.

Investments in securities are spread across a wide cross-section of industries and sectors and thus the risk is reduced. Diversification reduces the risk because all stocks may not move in the same direction in the same proportion at the same time. Mutual fund issues units to the investors in accordance with quantum of money invested by them. Investors of mutual funds are known as unit holders.

Sharpe's index = $\frac{\text{portfolio average return} - \text{risk free rate of return}}{\text{S.D. Of the portfolio}}$
[$St = Rp - Rf / 6p$]

Jensen = $\frac{\text{Portfolio Average Return} - \text{Risk Free Rate of Return}}{\text{Beta}}$

Treynor's Performance Index = $a + B (Rm - Rf)$

Rf = Risk less rate of return

a = The intercept

B = A measure of systematic risk

Rm = Average market return

Research Methodology:

Sample Size: Top 10 All Equity Schemes [open ended]

Top 10 all equity fund [2011]	Sharpe Ratio	Rank	Jenson measure	Rank	Treynor index	Rank
SBI Pharma Fund	1.17	VII	21.7196	V	21.4487	IV
UTI Transportation and Logistics Fund	1.61	III	30.7453	I	46.8348	I
Reliance Pharma Fund	1.2	VI	11.1159	IX	11.551	IX
Mirae Asset Emerging Blue-chip Fund-Regular Plan	1.84	I	25.9139	III	32.8280	II
Birla Sun Life MNC Fund	1.25	V	22.7492	IV	18.0438	VI
UTI Pharma & Health care e Fund	0.93	IX	14.9304	VIII	2.6772	X
Reliance Small Cap Fund	1.39	VI	27.4719	II	19.9215	V
SBI Small & Midcap Fund	1.17	VII	8.755	X	14.7654	VII
ICICI Prudential Exports and Other Services Fund	1.64	II	16.6864	VI	23.3309	III
Canara Robeco Emerging Equities fund	0.81	X	16.2490	VII	12.2650	VII

Table 1: Top 10 All Equity 2011 sharpe index, Jenson measure and Treynor

The table 1 shows performance of top 10 all equity 2011 by sharpe Ratio, Jenson measure & Treynor index. Mirae Asset Emerging Blue-chip Fund-Regular Plan scored 1st rank where as Canara Robeco Emerging Equities fund scored 10th rank in sharpe ratio. UTI Transportation and Logistics Fund scored 1st rank in jenson measure where as SBI Small & Midcap Fund scored 10th rank. UTI Transportation and Logistics Fund scored 1st rank in Treynor index where as UTI Pharma & Health care e Fund scored 10th rank.

Table 2: Top 10 All Equity 2012 sharpe index, Jenson measure and Treynor

Top 10 all equity fund [2012]	Sharpe Ratio	Rank	Jenson measure	Rank	Treynor index	Rank
SBI Pharma Fund	1.23	IV	22.7864	III	21.7556	VI
UTI Transportation and Logistics Fund	0.62	X	21.76	IV	32.0079	II
Reliance Pharma Fund	0.85	VIII	10.6208	X	2.1093	IX
Mirae Asset Emerging Blue-chip Fund-Regular Plan	1.17	VI	13.2931	IX	4.0404	X
Birla Sun Life MNC Fund	1.2	V	21.33	V	30.0040	III
UTI Pharma & Health care e Fund	0.98	VII	16.0914	VI	9.6657	VIII

Reliance Small Cap Fund	1.35	III	26.2855	II	34.9007	I
SBI Small & Midcap Fund	1.51	II	15.44	VII	20.7250	VII
ICICI Prudential Exports and Other Services Fund	1.69	I	30.2417	I	28.1556	IV
Canara Robeco Emerging Equities fund	0.77	IX	14.7250	VIII	21.9280	V

The table 2 shows performance of top 10 all equity 2012 by sharpe Ratio, Jensen measure & Treynor index. ICICI Prudential Exports and Other Services Fund scored 1st rank where as UTI Transportation and Logistics Fund scored 10th rank in Sharpe ratio. ICICI Prudential Exports and Other Services Fund scored 1st rank in jenson measure where as Reliance Pharma Fund scored 10th rank. Reliance Small Cap Fund scored 1st rank in Treynor index where as Mirae Asset Emerging Blue-chip Fund-Regular Plan 10th rank.

Table 3: Top 10 All Equity 2013 Sharpe index, Jensen measure and Treynor

Top 10 all equity fund [2013]	Sharpe Ratio	Rank	Jenson measure	Rank	Treynor measure	Rank
SBI Pharma Fund	1.29	IV	23.1001	IV	19.0634	VIII
UTI Transportation and Logistics Fund	0.56	X	12.5729	IX	33.4258	II
Reliance Pharma Fund	0.99	VII	11.4125	X	8.7335	X
Mirae Asset Emerging Blue-chip Fund-Regular Plan	1.08	VI	17.7819	VII	25.7307	VI
Birla Sun Life MNC Fund	0.75	IX	12.5755	VIII	21.7276	VII
UTI Pharma & Health care e Fund	1.2	V	19.2610	V	13.5519	IX
Reliance Small Cap Fund	1.52	III	34.3683	I	56.2110	I
SBI Small & Midcap Fund	1.81	II	28.8812	II	31.9510	III
ICICI Prudential Exports and Other Services Fund	1.89	I	25.1258	III	28.9869	IV
Canara Robeco Emerging Equities fund	0.9	VIII	17.9894	VI	27.2707	V

The table 3 shows performance of top 10 all equity 2013 by sharpe Ratio, Jensen measure & Treynor index. ICICI Prudential Exports and Other Services Fund scored 1st rank where as UTI Transportation and Logistics Fund scored 10th rank in Sharpe ratio. Reliance Small Cap Fund scored 1st rank in jenson measure where as Reliance Pharma Fund scored 10th rank. Reliance Small Cap Fund scored 1st rank in Treynor index where as Reliance Pharma Fund 10th rank.

Table 4: Top 10 All Equity 2014 sharpe index, Jensen measure and Treynor

Top 10 all equity fund [2014]	Sharpe Ratio	Rank	Jenson measure	Rank	Treynor measure	Rank
SBI Pharma Fund	1.33	V	20.9063	VI	18.1715	VIII
UTI Transportation and Logistics Fund	1.24	VIII	22.6434	V	49.0630	I
Reliance Pharma Fund	1.29	VI	19.4542	VIII	13.0360	X
Mirae Asset Emerging Blue-chip Fund-Regular Plan	1.78	II	22.9108	IV	23.9299	VII
Birla Sun Life MNC Fund	1.4	IV	24.7959	III	32.2810	III
UTI Pharma & Health care e Fund	1.25	VII	19.9287	IX	16.1777	IX
Reliance Small Cap Fund	1.48	III	35.6411	I	34.2386	II
SBI Small & Midcap Fund	1.11	IX	19.7795	X	32.0347	IV
ICICI Prudential Exports and Other Services Fund	1.93	I	28.2858	II	30.2629	VI
Canara Robeco Emerging Equities fund	0.98	X	20.5212	VII	30.5880	V

The table 4 shows performance of top 10 all equity 2014 by sharpe Ratio, Jensen measure & Treynor index. ICICI Prudential Exports and Other Services Fund scored 1st rank where as Canara Robeco Emerging Equities fund scored 10th rank in Sharpe ratio. Reliance Small Cap Fund scored 1st rank in jenson measure where as SBI Small & Midcap Fund scored 10th rank. UTI Transportation and Logistics Fund scored 1st rank in Treynor index where as Reliance Pharma Fund 10th rank.

Table 5: Top 10 All Equity 2015 sharpe index, Jensen measure and Treynor

Top 10 all equity fund [2015]	Sharpe Ratio	Rank	Jenson measure	Rank	Treynor measure	Rank
SBI Pharma Fund	1.64	II	27.6396	IV	22.3424	VIII
UTI Transportation and Logistics Fund	1.42	VI	25.6206	V	53.0521	I
Reliance Pharma Fund	1.64	II	27.7812	III	19.8997	IX
Mirae Asset Emerging Blue-chip Fund-Regular Plan	1.51	V	25.5551	VI	37.6534	V
Birla Sun Life MNC Fund	1.42	VI	23.6141	VII	35.6022	VI
UTI Pharma & Health care e Fund	1.40	VIII	21.2660	IX	17.6160	X
Reliance Small Cap Fund	1.17	X	23.3025	VIII	44.4584	III
SBI Small & Midcap Fund	1.56	IV	31.9614	II	43.3159	IV
ICICI Prudential Exports and Other Services Fund	2.11	I	35.8733	I	32.1239	VII
Canara Robeco Emerging Equities fund	1.22	IX	20.8964	X	45.5671	II

The table 5 shows performance of top 10 all equity 2015 by Sharpe Ratio, Jensen measure & Treynor index. ICICI Prudential Exports and Other Services Fund scored 1st rank where as Reliance Small Cap Fund scored 10th rank in Sharpe ratio. ICICI Prudential Exports and Other Services Fund scored 1st rank in jenson measure where as Canara Robeco Emerging Equities fund scored 10th rank. UTI Transportation and Logistics Fund scored 1st rank in Treynor index where as UTI Pharma & Health care e Fund 10th rank.