# Research on Performance Evaluation of Listed Companies Based on Value Creation

Hengxin Zhao<sup>1,a</sup>

<sup>1</sup>Hefei University of Technology, School of Management, Hefei 230009, China <sup>2865984788@qq.com,18856026320@163.com</sup>

**Abstract.** The goal of business operation is to create value and maximize shareholders' wealth. However, the current financial performance system still has certain defects, which cannot yet reflect the results of value creation comprehensively and make it difficult to examine the value creation ability of managers. Therefore, how to efficiently examine the value created by executives and reflect the true performance of executives will be the focus of future performance reform of enterprises. Based on the needs of value management of listed companies, this paper analyzes the key drivers affecting value creation and optimizes the financial performance evaluation system with appropriate correlation pointing indicators, hoping to guide corporate governance and improve the capital market investment and financing environment.

Keywords: Value creation; Performance evaluation; Driving factors; Value management

#### 1. Introduction

Value creation is management's investment and financing activities based on the strategic objectives set by the board of directors, thereby increasing shareholder value and achieving a win-win situation for both management and leadership.

However, the performance evaluation type indicators at this stage have many problems and defects. The traditional financial performance evaluation puts the focus on the internal of the enterprise but ignores other stakeholders, which is easy to cause conflicts of interest; in addition, the traditional financial performance evaluation system cannot reveal the performance motives, and can only evaluate the activities or economic decisions that happened in the past and control them afterwards. The management of an enterprise needs to obtain more information related to the company's development prospect, operation status, potential risks, etc., so as to make detailed planning for future development and implement effective decisions. Then, it is especially important to select the shareholder value creation assessment indexes suitable for China's listed companies and establish a set of universally applicable performance evaluation system.

#### 2. Theoretical Foundation

#### 2.1 Key Drivers of Value Creation

To create value, managers must have a deep understanding of the performance variables that drive enterprise value, the key value drivers. Based on the perspective of corporate finance and operation, Alfred Rappaport (1986) proposed that corporate value includes weighted capital cost, cash flow time distribution, operating capital growth rate, fixed capital growth rate, income tax rate, There are seven driving factors such as sales growth rate and sales profit margin; Martin & Petty (2000) decomposed the total operating income of a company to have the following three elements: free cash flow from existing investments, investment returns and growth of new investments; Loud (2009) argues that the cost of capital, trading activities, price-earnings ratio and growth expectations of stocks and bonds can be used as typical value drivers. Other scholars have also obtained the driving factors through model decomposition and empirical research, but there is no clear systematic analysis of the motivation of shareholder value creation.

## 2.2 Financial Performance Evaluation System

The performance evaluation system of value management, from the earliest DuPont analysis method, has provided a very simple method to understand the return on net assets, and then the United States Stensite Company developed EVA as a performance evaluation index to restore accounting profits. The economic profit has made the EVA evaluation system widely used and has become an international standard for corporate performance measurement. Robert Kaplan and David Norton designed the Balanced Scorecard, which allows companies to focus on financial information while creating capital for long-term development capabilities, as well as Tobin's Q value, performance multi-faceted system, and radar chart analysis. However, there are few performance evaluation systems based on values, and no scholars have systematically explained the value creation performance evaluation system.

# 3. The Selection of Value Management Performance Evaluation Index

Taking into account the relevant principles of index selection, and referring to the "Enterprise Performance Evaluation Standard Value 2019" published by the Financial Supervision and Evaluation Bureau of the State-owned Assets Supervision and Administration Commission of the State Council, appropriate indicators are selected and a scientific performance evaluation system is generated. The performance system is composed of core indicators and auxiliary indicators. The core system is the main body of evaluation, and its content covers four parts: value creation capability, value creation efficiency, value creation potential, and value creation market performance. These two dimensions describe the results of value creation. In addition, traditional financial indicators are selected to explain the current situation of the company's internal operations, including solvency, asset operation, profitability and development, which are precisely linked to the motivation of shareholder value creation. Finally, combine some structural indicators to reflect the company's strategic layout and decision-making from the side.

The following table shows the shareholder value creation performance system.

Table 1. Shareholder value creation performance evaluation system

| Evaluation Dimension      | Indicator Name | Calculation Formula                          |  |  |
|---------------------------|----------------|--|--|--|
|                           | EVA            | EVA=NOPAT- (WACC*TC)                         |  |  |
|                           | SES            | SES=( RSE-CSEC)*SEC                          |  |  |
| Value Creation Capability | TSR            | TSR= (Stock Price t+1+Dividend               |  |  |
|                           |                | t+1- Stock Price t)/Stock Price t            |  |  |
|                           | EPS            | EPS=(EBIT-I)(1-T)/N                          |  |  |
|                           | EVA Rate       | EVA Rate=EVA/WACC                            |  |  |
|                           | Turnover Tax   | TTR= Business Taxes and                      |  |  |
| Value Creation Efficiency | Rate           | Surcharges / Total Business                  |  |  |
|                           |                | Income                                       |  |  |
|                           | ROM            | ROM= Prime operating                         |  |  |
|                           |                | Income/Prime Operating Revenue               |  |  |
|                           | ROE            | ROE=Net Income/Average                       |  |  |
|                           |                | Shaicholders Equity                          |  |  |
|                           | EVA growth     |  |  |  |
| value creation potential  | rate           |  |  |  |
|                           | MVA growth     |  |  |  |
|                           | rate           | $Rt=[Xt-X(t-1)]/X(t-1)\times 100\%$          |  |  |
|                           | EPS growth     | $Kt = [Xt - X(t-1)]^T X(t-1)^T \wedge 10070$ |  |  |
|                           | rate           |  |  |  |
|                           | ROE growth     |  |  |  |
|                           | rate           |  |  |  |

| Market performance    Market Value Added   |                        |                 |                                    |  |
|--|------------------------|-----------------|------------------------------------|--|
| Solvency  Current Ratio  Shareholders'  Equity  Turnover  Shareholders' Equity Turnover =  Operating Income / Average  Shareholders' Equity  Net Profit  Margin on  Total Assets  Return on  Invested  Capital  Capital  Capital  Capital  Accumulation  Rate  Capital  Capital Accumulation Rate =  (Owner's Equity t- Owner's Equity  1-1) / Owner's Equity t-1  Fixed Asset  Ratio  Shareholders'  Equity to Fixed  Assets Ratio = Net Fixed  Assets Ratio = Shareholders'  Equity to Fixed  Assets Ratio = Shareholders'  Equity/Net Fixed Assets  Manager's  Shareholding  MSR= Number of Shares held by  Management / Total Share Capital   | Madatass               |                 | MVA=MV-BV                          |  |
| Current Ratio  | Market performance     | P/B Ratio       |                                    |  |
| Solvency  Assets/Current Liabilities  Shareholders' Shareholders' Equity Turnover = Operating Income / Average Shareholders' Equity  Turnover Shareholders' Equity  Net Profit Margin on Total Assets  Return on Invested Capital  Capital Capital Accumulation Rate = (Owner's Equity t- Owner's Equity t- I) / Owner's Equity t- I  Fixed Asset Ratio Shareholders' Equity to Fixed Assets Ratio Shareholders' Equity to Fixed Assets Ratio Shareholding  Other indicators  Assets/Current Liabilities  Shareholders' Equity Turnover = Operating Income / Average Shareholders' Equity  Net Profit Ratio of Total Assets = Net Profit / Average Total Assets  ROI=Net Income/Average Owners Equity  (Owner's Equity t- Owner's Equity t- Owner's Equity t- I) / Owner's Equity t- I  Fixed Asset Fixed Assets Ratio = Net Fixed Assets Ratio = Shareholders' Equity to Fixed Assets Ratio = Shareholders' Equity to Fixed Assets Ratio = Shareholders' Equity Net Fixed Assets Ratio = Shareholders' Equity/Net Fixed Assets Ratio = Shareholders' Equity Net Fixed Ass |                        |                 |                                    |  |
| Operational capability  Shareholders' Equity Turnover Profit Margin on Total Assets Return on Invested Capital Accumulation Rate Operating Income / Average Shareholders' Equity Net Profit Ratio of Total Assets Net Profit / Average Total Assets ROI=Net Income/Average Owners Equity  Capital Capital Capital Accumulation Rate = (Owner's Equity t- Owner's Equity t-1) Fixed Asset Ratio Shareholders' Equity to Fixed Assets Ratio = Net Fixed Assets Ratio = Shareholders' Equity to Fixed Assets Ratio = Shareholders' Equity Nor Fixed Assets Ratio = Shareholders' Equity Nor Fixed Assets Ratio = Shareholders' Equity/Net Fixed Assets Manager's Shareholding Management / Total Share Capital  | colveney               | Current Ratio   | Current Ratio=Current              |  |
| Operational capability  Equity Turnover Shareholders' Equity Net Profit Margin on Total Assets Return on Invested Capital  development ability  Operating Income / Average Shareholders' Equity  Net Profit Ratio of Total Assets = Net Profit / Average Total Assets  ROI=Net Income/Average Owners Equity  Capital Capital Accumulation Rate = (Owner's Equity t- Owner's Equity t-1) / Owner's Equity t-1  Fixed Asset Ratio Shareholders' Equity to Fixed Assets Ratio = Net Fixed Assets Ratio = Shareholders' Equity to Fixed Assets Ratio = Shareholders' Equity/Net Fixed Assets Manager's Shareholding MSR= Number of Shares held by Management / Total Share Capital   | solvency               |                 | Assets/Current Liabilities         |  |
| Turnover Shareholders' Equity  Net Profit Margin on Total Assets  Return on Invested Capital  development ability  Other indicators  Turnover Shareholders' Equity  Net Profit Ratio of Total Assets = Net Profit / Average Total Assets  ROI=Net Income/Average Owners Equity  Capital Accumulation Rate = (Owner's Equity t- Owner's Equity t- 1) / Owner's Equity t-1  Fixed Asset Fixed Assets Ratio = Net Fixed Assets/Total Assets  Shareholders' Equity to Fixed Assets Ratio = Shareholders' Equity to Fixed Assets Ratio = Shareholders' Equity/Net Fixed Assets  Manager's Shareholding  Management / Total Share Capital  |                        | Shareholders'   | Shareholders' Equity Turnover =    |  |
| Profitability  Profitability  Return on Invested Capital Accumulation Rate = (Owner's Equity t-1) / Owner's Equity t-1  Fixed Asset Ratio Assets Ratio Shareholders' Equity to Fixed Assets Ratio Shareholding  Other indicators  Net Profit Ratio of Total Assets = Net Profit / Average Total Assets    ROI=Net Income/Average Owners Equity    Capital Accumulation Rate = (Owner's Equity t- Owner's Equity t-1) / Owner's Equity t-1  Fixed Asset Fixed Assets Ratio = Net Fixed Assets Ratio = Shareholders' Equity to Fixed Assets Ratio = Shareholders' Equity to Fixed Assets Ratio = Shareholders' Equity Net Fixed Assets    Manager's Shareholding Management / Total Share Capital  | Operational capability | Equity          | Operating Income / Average         |  |
| Profitability    Margin on Total Assets  |                        | Turnover        | Shareholders' Equity               |  |
| Profitability    Margin on Total Assets   Return on Invested Capital     Capital   Capital   Capital   Accumulation Rate = (Owner's Equity t-1) / Owner's Equity t-1     Fixed Asset Ratio   Shareholders'   Equity to Fixed Assets Ratio = Shareholders'     Equity to Fixed Assets Ratio = Shareholders'     Assets Ratio   Shareholders'   Equity to Fixed Assets Ratio = Shareholders'     Assets Ratio   Shareholders'   Equity to Fixed Assets Ratio = Shareholders'     Assets Ratio   Shareholders'   Equity Net Fixed Assets     Manager's   MSR= Number of Shares held by Management / Total Share Capital   | Profitability          | Net Profit      | Not Profit Patio of Total Assats - |  |
| Profitability  Return on Invested Capital  Capital  Capital  Capital Assets  Capital Capital Accumulation Rate = (Owner's Equity t- Owner's Equity t-1) / Owner's Equity t-1  Fixed Asset  Ratio Assets/Total Assets  Shareholders' Shareholders' Equity to Fixed Assets Ratio = Shareholders' Equity/Net Fixed Assets  Manager's MSR= Number of Shares held by Shareholding Management / Total Share Capital  |                        | Margin on       |                                    |  |
| Return on Invested Capital   ROI=Net Income/Average Owners Equity  |                        | Total Assets    | Net Profit / Average Total Assets  |  |
| Capital Capital Capital Capital Capital Accumulation Rate =  development ability Accumulation Rate Cowner's Equity t- Owner's Equity Capital Accumulation Rate Cowner's Equity t- Owner's Equity Cowner's Equity t-1 Fixed Asset Ratio Assets/Total Assets Shareholders' Shareholders' Equity to Fixed Assets Ratio = Shareholders' Assets Ratio = Shareholders' Equity to Fixed Assets Ratio = Shareholders'   |                        | Return on       | DOI-Not Income/Assess of Ossus and |  |
| Capital Capital Capital Capital Accumulation Rate =  Accumulation Rate Cowner's Equity t- Owner's Equity Cowner's Equity t-1  Fixed Asset Ratio Assets/Total Assets Shareholders' Equity to Fixed Assets Ratio = Shareholders' Equity to Fixed Assets Ratio = Shareholders' Equity to Fixed Assets Ratio = Shareholders'  |                        | Invested        |                                    |  |
| development ability  Accumulation Rate  Cowner's Equity t- Owner's Equity  Cowner's Equity t-1  Fixed Asset  Fixed Assets Ratio = Net Fixed  Ratio  Assets/Total Assets  Shareholders' Equity to Fixed Assets Ratio = Shareholders'  Equity to Fixed Assets Ratio = Shareholders'  Equity/Net Fixed Assets  Manager's Management / Total Share Capital   |                        | Capital         | Equity                             |  |
| Rate t-1) / Owner's Equity t-1  Fixed Asset Fixed Assets Ratio = Net Fixed Assets/Total Assets  Shareholders' Shareholders' Equity to Fixed Assets Ratio = Shareholders'  Equity to Fixed Assets Ratio = Shareholders'  Assets Ratio Equity/Net Fixed Assets  Manager's MSR= Number of Shares held by Shareholding Management / Total Share Capital  |                        | Capital         | Capital Accumulation Rate =        |  |
| Other indicators  Fixed Asset Ratio Shareholders' Equity to Fixed Assets Ratio = Net Fixed Assets/Total Assets Shareholders' Equity to Fixed Assets Ratio = Shareholders' Assets Ratio = Shareholders' Equity/Net Fixed Assets Manager's MSR= Number of Shares held by Shareholding Management / Total Share Capital   | development ability    | Accumulation    | (Owner's Equity t- Owner's Equity  |  |
| Other indicators  Ratio Assets/Total Assets  Shareholders' Shareholders' Equity to Fixed  Equity to Fixed Assets Ratio = Shareholders'  Assets Ratio Equity/Net Fixed Assets  Manager's MSR= Number of Shares held by  Shareholding Management / Total Share Capital   |                        | Rate            | t-1) / Owner's Equity t-1          |  |
| Other indicators  Shareholders' Shareholders' Equity to Fixed Equity to Fixed Assets Ratio = Shareholders' Assets Ratio Equity/Net Fixed Assets  Manager's MSR= Number of Shares held by Shareholding Management / Total Share Capital   |                        | Fixed Asset     | Fixed Assets Ratio = Net Fixed     |  |
| Other indicators  Equity to Fixed Assets Ratio = Shareholders' Assets Ratio Equity/Net Fixed Assets  Manager's MSR= Number of Shares held by Shareholding Management / Total Share Capital   | Other indicators       | Ratio           | Assets/Total Assets                |  |
| Other indicators  Assets Ratio Equity/Net Fixed Assets  Manager's Shareholding Management / Total Share Capital  |                        | Shareholders'   | Shareholders' Equity to Fixed      |  |
| Assets Ratio Equity/Net Fixed Assets  Manager's MSR= Number of Shares held by Shareholding Management / Total Share Capital  |                        | Equity to Fixed | Assets Ratio = Shareholders'       |  |
| Shareholding   Management / Total Share Capital  |                        | Assets Ratio    | Equity/Net Fixed Assets            |  |
|  |                        | Manager's       | MSR= Number of Shares held by      |  |
|  |                        | Shareholding    | Management / Total Share Capital   |  |
|  |                        | _               | -                                  |  |

# 4. Empirical Analysis of the Evaluation of Shareholders' Value Creation in Listed Companies

#### 4.1 Sample Selection and Data Sources

This paper selects 45 listed companies in 2019 as research samples. In order to ensure the comparability of all data, all A-share listed stocks are selected, and the stocks listed by ST and PT have been excluded. The experimental data are all taken from Guotai'an database And Ruisi database, and do the relevant preprocessing. Using SPSS analysis software, principal component analysis was used to objectively assign the index weights.

### 4.2 Analysis of Results

First, KMO and Bartlett tests are performed, as shown in Table 2 below, the KMO metric value is 0.688, the Bartlett sphericity test value is 1052.263, and Sig=0.000. The value of the KMO statistic is 0.6-0.7, which is reasonable. The Bartlett sphericity test value is also greater than 100, and the Sig value is less than 0.05. It can be considered that there is a significant difference between the correlation coefficient matrix and the identity matrix, so these variables selected in this paper are suitable for factor analysis was performed. Then start to extract factors and calculate the variance contribution rate. The total variance decomposition table obtained by factor analysis this time is shown in Figure 3. From this table and the scatter plot of explanatory factors, it can be seen that a total of 6 principal components are retained. At this time, the cumulative variance contribution rate is 81.807%. These 6 components Information sufficient to express the indicators of the original data 22 can be used to evaluate the performance of the listed company's shareholder value creation.

Table 2. KMO Test Results

| KMO Sampling Suitability Quantity. |                        | 0.688    |  |
|------------------------------------|------------------------|----------|--|
| Bartlett's Sphericity Test         | Approximate chi-square | 1052.263 |  |
|                                    | Degrees of Freedom     | 231      |  |
|                                    | Salience               | 0.000    |  |

Table 3. Total explained variance

| Element | Rotational load sum of squares |              |        |  |
|---------|--------------------------------|--------------|--------|--|
|         | Variance %                     | Cumulative % | Total  |  |
| 1       | 5.369                          | 24.404       | 24.404 |  |
| 2       | 4.582                          | 20.828       | 45.231 |  |
| 3       | 2.657                          | 12.078       | 57.309 |  |
| 4       | 2.085                          | 9.478        | 66.787 |  |
| 5       | 1.942                          | 8.743        | 75.531 |  |
| 6       | 1.381                          | 6.277        | 81.807 |  |

In this paper, the principal component analysis method is used to reduce the dimension of 22 feature variables into 6 principal components, explain each principal component, and calculate their respective scores. The interpretation of the principal components is as follows shown in Table 4.

Table 4. Principal Component Interpretation

| Main Load  | Principal Component<br>Interpretation |  |  |
|--|---------------------------------------|--|--|
| ROI、ROE、EVA Rate、Net Profit Margin on Total Assets、<br>EPS                                   | F1: Value Creation Capability         |  |  |
| Shareholders' Equity to Fixed Assets Ratio、ROM、EPS growth rate、ROE growth rate、Current Ratio | F2: Value-added capability            |  |  |
| Capital Accumulation Rate、TSR  | F3: value accumulation                |  |  |
| MVA  | F4: Value Creation Market Performance |  |  |
| Turnover Tax Rate  | F5: Value Creation Efficiency         |  |  |
| Manager's Shareholding Ratio   | F6: Corporate governance structure    |  |  |

#### 4.3 Comprehensive Score Calculation Formula

The factor analysis method can express these 6 common factors as the linear form of 22 original variables, and obtain a component score coefficient matrix to calculate the score data of each common factor. Finally, the final comprehensive score can be obtained according to the score of each common factor and the variance contribution rate and cumulative variance contribution rate of

ISSN:2790-1661

DOI: 10.56028/aemr.3.1.395

the common factor. Here, only the top five and bottom five companies are intercepted for analysis, as shown in Table 5.

F = (24.404% \* F1 + 20.828% \* F2 + 12.078% \* F3 + 9.478% \* F4 + 8.743% \* F5 + 6.277% \* F6) / 81.807% \* F1 + 20.828% \* F2 + 12.078% \* F3 + 9.478% \* F4 + 8.743% \* F5 + 6.277% \* F6) / 81.807% \* F1 + 20.828% \* F2 + 12.078% \* F3 + 9.478% \* F4 + 8.743% \* F5 + 6.277% \* F6) / 81.807% \* F1 + 20.828% \* F1 + 20.828% \* F2 + 12.078% \* F3 + 9.478% \* F4 + 8.743% \* F5 + 6.277% \* F6) / 81.807% \* F1 + 20.828% \* F1 + 20.828%

Table 5. Shareholder Value Creation Performance Evaluation Company Comprehensive

| F2 | F3                                   | F4   | F5   | F6  | Score  |
|----|--------------------------------------|--|--|---|--|
|    |                                      |  |  |   | Score  |
| 1  | 9                                    | 40   | 45   | 37  | 0.936  |
| 43 | 1                                    | 30   | 13   | 13  | 0.96   |
| 20 | 43                                   | 21   | 9  | 14  | 0.722  |
| 2  | 29                                   | 35   | 1  | 44  | 0.647  |
| 5  | 38                                   | 25   | 11   | 8   | 0.627  |
| 41 | 36                                   | 31   | 40   | 16  | -0.651   |
| 40 | 30                                   | 39   | 28   | 27  | -0.685   |
| 33 | 17                                   | 44   | 29   | 23  | -0.698   |
| 36 | 40                                   | 43   | 7  | 10  | -0.728   |
| 45 | 16                                   | 1  | 39   | 35  | -0.729   |
|    | 20<br>2<br>5<br>41<br>40<br>33<br>36 | 43     1       20     43       2     29       5     38       41     36       40     30       33     17       36     40 | 43     1     30       20     43     21       2     29     35       5     38     25       41     36     31       40     30     39       33     17     44       36     40     43 | 43     1     30     13       20     43     21     9       2     29     35     1       5     38     25     11       41     36     31     40       40     30     39     28       33     17     44     29       36     40     43     7 | 43       1       30       13       13         20       43       21       9       14         2       29       35       1       44         5       38       25       11       8         41       36       31       40       16         40       30       39       28       27         33       17       44       29       23         36       40       43       7       10 |

#### 5. Conclusion

Through the research of this paper, the following conclusions can be drawn:

First, from an overall perspective, only 7 listed companies have a comprehensive score of more than 0.5, which can be defined as companies with excellent management. A total of 25 companies scored between 0 and 0.5, showing good performance. The remaining 20 companies scored less than 0, indicating that the effect of shareholder value creation was poor. Therefore, the overall operation of the steel industry in 2019 is still good, with half All of the above companies are creating value for shareholders. However, the market value of a large number of enterprises is constantly decreasing, which is a bad signal. The senior management of the enterprise must pay enough attention, and the internal reform of the enterprise must be deepened to improve its competitiveness in the industry. Judging from the scores and rankings of various public factors, no company's public factors are all high scores, and they have advantages and disadvantages, indicating that the overall development of the company is still unbalanced, the shareholder value and strategy have not been well coordinated, and the future governance is still unbalanced. To be improved and improved.

ISSN:2790-1661

DOI: 10.56028/aemr.3.1.395

Second, from a local point of view, the top five companies are relatively strong in the ability or potential of value creation, and they all have their own advantages. It is very broad, and the senior management also attaches great importance to the sustainable development of the enterprise, and actively expands other businesses and continuously improves business processes. The second-ranked CITIC Special Steel (000709) has a very small gap with the first. It is committed to the accumulation of the company's value. my country's special steel production accounts for a relatively low proportion. In the future, the demand for special steel will obviously increase greatly. The market potential and development space are huge. Therefore, CITIC Special Steel began to expand rapidly and built a strategic layout of the "coastal and riverside" industrial chain, which truly integrated the enterprise's strategy and operation and management, and enabled the continuation of shareholder value creation. Therefore, iron and steel enterprises that operate special steel or high-tech will be potential stocks for future development. Traditional iron and steel enterprises need to carry out reform and innovation, and cannot blindly follow the old path, otherwise it will be difficult to continue to create value for shareholders.

# 6. Suggest

First, management must deeply understand the key drivers of value creation and combine them with the company's strategic framework to increase operating cash flow for the company and attract foreign investment. The formulation of the strategic framework also needs to be combined with the macroeconomic environment and policies. After all, the industry changes with the society, rather than passively arranging production according to production plans and order plans. Supply-side structural reform has become the general trend, and enterprises should optimize The production capacity structure, capacity reduction and inventory removal, and the main business also need to be actively transformed to meet the new development needs, rather than stick to the rules.

Second, strengthen the level of financial management. The creation of shareholder value is inseparable from the scientific capital structure and financial management. On the one hand, the company needs to reduce the cost of capital, optimize the capital structure, and reduce the main production cost by improving its operating system. Sales profit rate, so that every link of the enterprise can create revenue for it. On the other hand, it is necessary to integrate resource allocation, improve the turnover rate and use efficiency of funds, rationally use financial leverage to reduce financial risks, and reduce income tax and expenses through effective tax planning.

Third, improve the company's equity governance structure, attract institutional investors through sound operations, stabilize the equity structure and funding channels, and carry out certain incentives to give appreciation and rewards to executives who actively create shareholder value, linked to their performance appraisals, by using EVA or shareholders' equity difference and other indicators to pay a certain dividend, or give it a reasonable equity, so that it can serve the enterprise better.

#### References

- [1] Wang Jianwen. Management Accounting [M]. Beijing: Science Press, 2020.273-274.
- [2] Li Xiaoming. On the objective management model for creating shareholder value [J]. Audit and Economic Research, 2008, (23): 101-103.
- [3] Huang Yuqing. Research on optimization of management accounting reporting system based on value creation in C oil companies [D]. Jilin University, 2019.
- [4] Liu Yongqing. Discussion on the application of EVA value management evaluation system [J]. Accounting Learning, 2018: 229-232.
- [5] Hou Jinliang. Application of shareholder value analysis in corporate performance management [J]. Industry and Technology Forum, 2012,11(12):111-112.

ISSN:2790-1661

DOI: 10.56028/aemr.3.1.395

- [6] Wang Ruoming. Research on the correlation between EVA and enterprise value and its application in value management [D]. Tianjin University, 2013.
- [7] Liu Xiaolun. Management Accounting Announcement [M]. Beijing: People's Posts and Telecommunications Press, 2019.
- [8] Zhang Ying. Analysis of shareholder value and value-based management in corporate financial management [J]. Finance and Economics, 2009: 285-286.
- [9] Weng Shichun. From value creation to market value management: A review of research on the change of value management theory [J]. Accounting Research, 2010, (4): 74-80.
- [10] Jain RK, Jai Anshu. EVA Literature Review-Searching the Gaps [J] .Interational Journal of Marketing and Technology, 2014, (02):55-70.

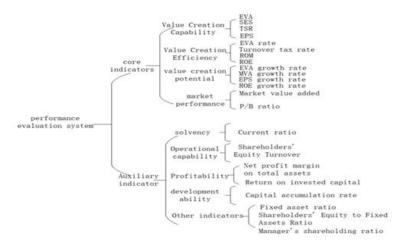


Fig. 1 Value management performance evaluation system of listed companies