

# Theoretical research perspective of physical relationship with economic growth and economic development

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**Abstract:** Sports and social economic and cultural development in recent years, the increasingly close relationship, sports consumption and sports industry on economic growth and the role of economic development is increasingly important and diversification, the sports industry, attracting more and more inputs reality more deeply and closely combining the actual requirement theory research. From the Angle of theory research progress, using the literature material law, to sports and the relationship between economic growth and economic development as the research object, the 2001-2008 and 2009-2015 two stage in our country theoretical research results of a systematic carding. Results showed that in terms of research contents, the sports industry will become a new economic growth point, sports economy is a special industry to overcome the recession economy, sports industry should attach importance to the development of green and environmental protection point of view of forward-looking and innovative significance<sup>[1][2]</sup>. In terms of research methods, qualitative analysis and normative analysis, the first phase of the second phase of quantitative analysis and empirical analysis. The objective on the basis of brief appraisal of existing research results, put forward the future a period of sports and a focal point of study on the relationship between the economic growth and economic development:

1) To strengthen the interdisciplinary theoretical research; 2) To strengthen the effective supply of sport research; 3) Strengthen the relationship between sports and economic development research; 4) Theory with practice, strengthen the quantitative research. Aim is to make the research results to better serve the government decision-making and enterprise development.

Before the reform and opening up in China under the highly centralized planned economic system, sports is a part of welfare, the relationship between sports and economy mainly for sports funds by funding, government allocation sports resources through administrative means. Since the reform and opening up, the economic globalization and the deepening of the reforms in our country, physical education and economic growth and economic development of the increasingly close relationship, the related research papers is also growing<sup>[3]</sup>. In this paper, the 2001-7 PangShanDong, such as: based on the theoretical perspective of sports and the relationship between economic growth and economic development in 2015, the theoretical circle about sports in China relationship between economic growth and economic development of the system was briefly introduced and the research results of the evaluation, is designed on the basis of existing research results, put forward in the new stage of development, how to further deepen the research of this topic.

## The research methods

This paper mainly USES the literature material law, in China hownet (CNKI) in CSSCI (2001-2015)

in the core journals and sports core periodicals and economic class management class core journals as the source of literature retrieval, with "sports consumption and the relationship between economic development, the relationship between sports industry and economic development, the relationship between sports and economic development" theme such as (note: look from the retrieved literature, no strict distinction between the economic development and economic growth), fuzzy searching related research paper 129. Among them, the core journal published in sports class, economy class core journals and management core journals is respectively 102, 18 of theses and 9, in this paper, the direct reference of representative more papers<sup>[4]</sup> The research literature is divided into two stages with different themes.

### **The first phase of main points**

The role of sports in economic growth and economic development the scholar thinks, economic development level determines the level of developing of sports, but the adverse effect of sports on the economy, there is no comprehensive and intuitive reflect. In this paper, from the Chinese economy continues to grow, sports market scale, mass demand and consumption structure upgrade, the adjustment of industrial structure and urbanization are analyzed the position and function of sports in the future economic development of our country, points out that sports in the 21st century will become the important impetus of economic growth in our country, the sports industry will become the important sector of the national economy and one of the pillar industries of services, will play an important role in promoting economic growth.

### **The second phase of the main view**

Undertakings of physical culture and sports and the relationship between economic growth after 2008, the national proposes establishing and perfecting the modern system of public cultural services, promote the equalization of public cultural services such as strategy, this to our country sports enterprise and has produced important influences on the coordinated development of the sports industry. Some researchers based on time series data, using the dynamic measurement method, the relationship between economic growth and development of sports in our country has carried on the empirical analysis<sup>[5]</sup>. A view that the development of undertakings of physical culture and sports and sports industry, promote the sustained growth of national economy, sports development and economic growth, promote each other, causal, in the long run there is a stable equilibrium relationship between the two. Undertakings of physical culture and sports input and economic growth in the short term is a balanced relationship between, but gradually tends to equilibrium, the long-term equilibrium relationship; Economic growth to a certain extent, affected by sports investment, and the impact of the economic growth of sports enterprise investment has significant effect. Financial input in sports, sports career development and economic growth has a close relationship: the sports finance indirectly through promotes the development of undertakings of physical culture and sports drive economic growth; In the short term and long term, the sports career development and economic growth is mutual promotion effect.

Another view, based on the 1995-2009 national and provincial regional gross domestic product, or sports, into the analysis of time series data, such as the national and the vast majority of provincial area, heilongjiang, anhui, jiangsu, tianjin, except sports input with gross domestic product (GDP), there is no long-term equilibrium relationship between fiscal revenue. The main cause of this situation is the insufficient sports funding differences and local financial input, lack of scientific sports investment planning. From the perspective of the research content of the above, will

become the new economic growth point of sports industry, sports economy is a response to the financial crisis, overcome the recession of the special industry economy, the functions of sports itself due to the irreplaceability of other ways of consumption, the development of sports industry should pay attention to green and environmental protection point of view, proactive and innovative significance<sup>[6]</sup>. From the perspective of the research methods of the above, the first phase of the qualitative analysis and normative analysis, the second phase on the basis of qualitative analysis and normative analysis, quantitative analysis and empirical analysis. Among them, according to a certain area of questionnaires and expert interviews, do quantitative analysis occupies certain proportion. But overall, the qualitative analysis is the concept is not clear, the problems of the lack of rigorous logic inference; By using the theory of economic analysis, but often ignore the assumptions and limitations of the theory; To use some kind of economic theory, but it almost does not consider the actual situation of China; By using the economic theory and the analysis of the content of no relevance.

In the aspect of quantitative analysis, and some research for the variables involved in the lack of clear definition, which directly affect the investigation after the rationality of the content, sample selection and argumentation and predict; Statistical analysis of quantitative analysis is still limited to some simple, or using second-hand, third-hand data. This and our country has always been a lack of authority and continuous statistics about the sports industry and sports consumption. Happily, in August 2015, promulgated by the state sports industry statistics classification, make real sports industry into the national overall development strategy, also for the future in sports and in the study of the relationship between economic growth and economic development to carry out statistical surveys and data created the basic conditions.

#### 4 Relevant theoretical research focus in the future

Since October 2014, the state council "about speed up the development of sports industry, promote the sports consumption of the several opinions since its launch, local governments have issued the supporting policies and implementation opinions, social capital pouring into sports field<sup>[7]</sup>. Under the new situation, this paper argues that the future a period of physical education and economic growth and economic development of the theoretical research should be focus on the following aspects.

To strengthen the effective supply of sport research previous research focus from the Angle of the micro analysis of the status quo and influencing factors of sports consumption demand, lack of sports consumption demand structure change of background analysis and the research of effective supply. China's GDP per capita of \$8016 in 2015 (to December 31, 2015, the yuan against the dollar median 6.4936), there are 10 provinces more than \$10000 per capita GDP, is the Beijing, tianjin, Shanghai, zhejiang, jiangsu, Inner Mongolia, guangdong, fujian, liaoning and shandong. Some scholars pointed out that GDP per capita of more than \$3000 from production leading development model to the consumption leading one of the conditions of development model transformation.

In America, for example, in 1942-1962 20 years, per capita GDP between \$1000 to \$3000, related to the "food" food, clothing and other non durable consumer goods accounted for the proportion of private consumption began to decline, and associated with "live line, recreation" durable consumer goods and services spending than the rise in private consumption spending.

After 1962, when the United States more than \$3000 per capita GDP, service accounts for private consumption is rising rapidly, and the durable consumer goods such as food and clothing expenditure proportion continue to decline, the proportion of spending on durable goods slowing growth and even reduce gradually. In services, and "recreation" of medical care, finance and insurance services and entertainment related fastest rise in private consumption spending. During

1942-2009, the American health care, finance and insurance services, entertainment and communication annual compound growth rate of 10.09%, 8.98%, 10.09% and 8.98% respectively. Is located in the northeast Asia, Japan and South Korea, the change trend of the consumption structure is very similar with the United States. Social transformation not only that, since reform and opening makes our country social population heterogeneity degree unceasing enhancement, thus causes the change of the social class structure, the middle class has a prototype<sup>[8]</sup>. Studies have pointed out that the middle-income earners is less than 25% of the population, the consumption accounts for about 50% of the total social consumption. The proportion of this group is expected to reach 45% by 2020. Thus, homogeneity, oneness of sports consumption demand will inevitably to heterogeneity, diversification of sports consumption structure change, this change is mainly manifested in two aspects: 1) The diversity of sports consumption; 2) The enrichment of sports consumption content. According to the trend of sports consumption demand structure change, how to innovate the supply way of sports products and services and supply the content, provide the effective supply of sports products and services it is worth to study deeply the theoretical and practical problem.

## **Conclusion**

In 2001-2008 and 2009-2015 two stage in our country theoretical circle about sports and the relationship between economic growth and economic development research found that after carding systematically in terms of research method, due to the lack of authority, according to the relative statistic data of the public, the qualitative analysis than quantitative analysis. Some qualitative concept is not clear, lack of rigorous logic inference; Ignore the theoretical assumptions and limitations. Some quantitative analysis of the variables involved a lack of clear definition, so that the back of the survey content, the rationality of the sample selection and argumentation and predictions are affected. In the study of the current situation is concerned, although the description of a repeating more research, but also a number of proactive and innovative ideas, such as the sports industry will become a new economic growth point, sports economic recession is to overcome the special industrial economy, sports, itself as a result of the function of the other forms of consumption, the irreplaceable nature of the development of the sports industry should attach importance to the green and environmental protection and so on.

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