Diversified Research on the Professional Development Path of Rural Physical Education Teachers Based on Big Data Analysis

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Abstract. As an important part of China's social development, sports is an indispensable part of modern people's social life. But due to the deepening of social structure, rural physical Education of Big data technology teachers based on big data technology professional and social sports, school sports and other fields are in the process of structural adjustment and change, at the same time, in the face of China's unique political, economic, culture, science and technology environment, rural physical Education of Big data technology teachers based on big data technology professional content involved in the system, there are many unequal concept, emerged a large number of new phenomena and new problems, this requires in-depth theoretical study.

Keywords: Rural Physical Education of Big Data Technology, Teachers' Profession, Big Data Technology

1. Introduction

How to promote the development of physical Education of Big data technology by combining with the current situation of the professional development of rural physical Education of Big data technology teachers in China is an urgent problem to be solved at the present stage of the development of physical Education of Big data technology. At the same time, understanding the current situation of the professional development of rural physical Education of Big data technology teachers can also point out the direction for the reform of physical Education of Big data technology and lay a solid foundation for the development of physical Education of Big data technology [1].

2. Current situation of professional development of rural physical Education of Big data technology teachers in China
2.1. Professional status of rural physical Education of Big data technology teachers

The professional training mode of rural physical Education of Big data technology teachers in China is mainly the "nationwide system", but also the "combination of physical Education of Big data technology", "social training" and other modes. The sports system is the main form of teachers' professional rural sports in China, it is the national unification plan management, the government investment as the main body, emphasizes the target of high consistency, integrate the local rural physical Education of Big data technology teachers based on big data technology professional resources, make the national rural physical Education of Big data technology teachers based on big data technology professional development to the core, in the Olympic Games by gathering, thus gradually formed the current organizational leadership by general administration of sports games competition system as leverage, "one-stop" level 3 training network security mode of rural physical Education of Big data technology teachers based on big data technology professional development, the following Figure 1 is distinct showed the present situation of our country sports teachers' professional:

![Figure 1. Current situation of the development of rural PE teachers’ profession in China](image)

As shown in Table 1, "Winning glory in The Olympic Games" has become the central goal of the whole sports cause in China. According to the statistics of the training mode of Chinese athletes winning the world championship from 2008 to 2012, competitive athletes under the mode of "the whole country system" occupy the main part, which is the leading mode of the professional development of rural PE teachers in China.

2.2. The professional development of rural physical Education of Big data technology teachers in China is unbalanced

2.2.1. Institutional imbalance. Rural physical Education of Big data technology teachers professional reserve talent scale is small, mainly by the three-level "one-stop" selection and training mode, grassroots talent selection only rely on sports schools, training bases, etc., resulting in the reserve talent scale is small, from the selection of athletes from China's large population base advantage play.

2.2.2. Unbalanced management and guarantee. Sports schools and sports teams at all levels have been "training lightly" for a long time, resulting in the low cultural quality and the difficulty in settling retired athletes. According to the Survey Report on Sports Personnel Work compiled by the General Administration of Sport in 2002, retired athletes waiting for jobs accounted for 28.9 percent of all athletes in Eight provinces and regions, including Hunan, 78 percent in Ningxia and 34.5 percent in
Liaoning. The media also constantly reported the Olympic champions to make a living by rubbing zao and other similar news, it can be seen that the "gold medal effect" of rural physical Education of Big data technology teachers brings many problems, such as insufficient cultural quality and weak social adaptability[3].

2.2.3. Imbalance of financial expenditure. The professional funds for rural PE teachers in China mainly come from the state finance. The final financial account report released by the Ministry of Finance shows that the budget for the operating expenses for sports and broadcasting in 2000 was 29.224 billion yuan, among which the financial funds and operating expenses allocated to the General Administration of Sport were 1.6 billion Yuan.

As can be seen from Table 2, the professional performance of rural physical Education of Big data technology teachers in China is not consistent with the per capita national production value, which is in great contrast with other countries ranked in the top 10 in the gold medal table. Under the circumstance of low per capita GDP, we have achieved brilliant Results in the Olympic Games, which is inseparable from the whole country system[4].

3. Exploration on the future development model of rural Physical Education of Big data technology teacher specialty in China

3.1. The major of rural physical Education of Big data technology teachers in China needs a lot of funds

In a particular historical period, due to the country and the needs of the national honor, implementing the policy of rural physical Education of Big data technology teachers based on big data technology professional first, the state shall adopt the country sports teachers' professional investment, the development of the policy priority is wise, but from the present general objective laws of countryside sports teachers' professional development and economic and social situation in our country, this is very does not adapt.

3.2. Promote the application of the model of "combination of physical Education of Big data technology and physical Education of Big data technology"

The model of "combination of physical Education of Big data technology and physical Education of Big data technology" is proposed and implemented in the face of many problems caused by the serious separation of physical Education of Big data technology system and education system. In 1987 the state education commission issued "about some pilot in common colleges and universities recruit high level athletes work notice", colleges and universities high level sports team development has been nearly 30 years, cultivation of excellent athletes is less, the reason is mainly due to the national sports in the administrative department for physical culture and sports, universities high level sports teams only on the input is far from enough, lack of high level sports teams in colleges and universities development, but to solve the employment and quality related issues, such as the athlete retires to a certain extent, ease the contradictions between athletes study, the following Figure 2 shows the future trend of the rural physical Education of Big data technology teachers based on big data technology professional development:
Figure 2. The trend of balanced development of rural PE teachers' profession in the future

As shown in chart 2, "social cultivation" mode is a state in the sports development programs allow social forces to develop excellent athletes, this is based on the market as the guidance, many developed countries is the social investment mode in order to develop rural physical Education of Big data technology teachers based on big data technology professional, such as America's baseball, basketball, football, hockey, such as business model, it is more of a consideration to attract attention, with the help of the media platform, to influence people understanding and participation in the project, the development of mass sports can form effective role in promoting. In China, there are successful cases such as "Wulin Feng" and "Ding Junhui". However, compared with the commercial sports operation mode in the United States, there is still a huge gap. For example, the Chinese Basketball Association (CBA) and Chinese Super League football League have great social influence, but their competitive level is not high and their influence is not big[5].

3.3. Follow the macro-control self-coordinated sports development model

The characteristics of the macro-controlled social self-coordination system in the professional reform of rural physical Education of Big data technology teachers are to develop physical Education of Big data technology in a controlled way and give full play to the role of physical Education of Big data technology in serving the society, organically combining the macro-control and social self-coordination:

On the one hand, it restricts the blindness that may arise in the process of social self-coordination through the overall nature of the sports development plan formulated by the national sports administrative department; On the other hand, the objective law of the social self-coordination mechanism is used to restrict the subjectivity that may arise when the national sports administrative department makes the sports development plan, so that the macro-control and social self-coordination can take their advantages from each other and make up for their disadvantages, so as to promote the healthy development of sports. This model is suitable for the political and economic characteristics of our country, and also meets the needs of sports development. It changes the highly concentrated situation of sports power and helps to give play to the social function, which is the trend of sports reform and development in China[6].

4. Conclusion
The professional development of rural PE teachers is the result of the all-round development of the country. The professional development of rural physical Education of Big data technology teachers is gradually socialized, scientific, industrialized and legalized as a whole, which is interrelated, interdependent and mutually restrictive. For example, the discussion on the consumption structure of social sports is a socialization problem. In social sports, sports equipment and sports competition are scientific and technological problems. Social sports are related to economic development and belong to industrialization. The overall development of social sports is restricted by law and belongs to legalization. In developing the professional cause of rural physical Education of Big data technology teachers in Our country, the relationship between them should be coordinated all the time, so as to master the law and trend of physical Education of Big data technology development in an all-round way, find and solve problems, and make the development of the whole physical Education of Big data technology undertaking run smoothly.

Acknowledgments

This work was financially supported by Diversified Research on the Professional Development Path of Rural Physical Education of Big data technology teachers in Jinan City under the background of "Targeted poverty alleviation".

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