Research on regional economic growth differences in China under the Internet Environment

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Abstract. Since the reform and opening up, with the rapid development of computer network technology represented by Internet technology, China's economic development level has made remarkable achievements. However, in the process of rapid growth, the imbalance of regional economic development has also emerged. The prominent performance is that there are great differences in regional economic growth in the East, the middle and the west, and the government has actively carried out macro-control. In order to support the introduction of national regional economic regulation and control policies, a variety of studies on regional economic growth are in full swing. At present, there are also problems such as the lack of independent innovation ability in various researches. It is necessary to study and solve these problems in the practice of regional economic development, so as to enhance the comprehensiveness and foresight of the research.

1. Introduction
China has become the second largest economy after the United States, and its economic and social development has made great progress. However, no matter from the vertical or horizontal analysis, China still can not be called an economic power. There are still many problems in the economic operation, which leads to the long-term existence of regional differences in economic growth. With the advantages of location and policy, the southeast coastal areas took the lead in development, and then the national western development, the rise of the central region, the revitalization of the northeast old industrial base and other regional balance adjustment policies were implemented to promote the central and western regions and Northeast China to accelerate the transformation and upgrading of economic structure, and make up for the shortcomings. This paper analyzes the research situation of regional economic growth and makes a reasonable prospect.

2. A general review of Regional Economic Research

2.1. Strengthen the research on the underdeveloped areas in regional differences
The current research summarizes and analyzes the successful experience of economic development, such as the statistics of the national income distribution gap, and points out the shortcomings of some provinces in the economic income structure [1]. However, it does not provide a good prescription, which can only serve as a icing on the cake, but not really boost the economic development of backward regions Step function.
This is because the industrial system tells the developing areas will usually be paid attention by the public and the state, and the economically backward areas need corresponding time to catch up with the pace of advanced regions, and the current academic research also has the corresponding assessment mechanism. Scholars should obtain results within the prescribed time. If they invest too much energy in the backward areas, their economic development is more uncertain, will bring uncertain risk to their own career, so this situation has formed. But if we want to speed up the development of backward areas, we should strengthen the research efforts of the region, reasonably optimize the research and evaluation mechanism, let more high-quality research resources be invested in the region, and provide a long-term economic prescription for it, Step to narrow the economic development gap between regions [2].

2.2. There are deviations in the orientation and direction of the study
From the summary of China's regional economic history, it is found that the exploration and analysis have always focused on the high-level regional economic development differences, such as the differences between provinces, and the positioning has not sunk, which has an impact on the follow-up research innovation and reform direction. Regulation and control policies should be implemented at the county and city level. For example, in the study of the western development strategy, some research documents have analyzed and studied the GDP distribution of provinces and regions in the implementation stage of the policy at different time points, but the situation of each province has not been further refined.

The analysis and judgment of local practical problems is not in place, which makes it difficult for market participants and governments to effectively refer to the existing research results to upgrade and optimize the economic structure. From this point of view, the future research direction of regional economics should pay more attention to the differences of county economy, and let the research sink to the level of county or even township. At present, the short board of economic development lies in the rural areas. In the relatively poor areas in the central and Western Regions, academic research should conform to the actual and strategic needs of the country, so as to provide positive and practical help for the formulation of economic management strategies.

3. Looking forward to the future of China's regional economic growth differences

3.1. Enhance the scientificity of the trend prediction of regional economic growth differences
With the continuous maturity of big data analysis technology, its application in the economic field is also continuously deepening. The research on regional economic growth difference can fully use this technology to predict the future economic development and growth differences. Carrying out the prediction work is the prerequisite for economic and social development planning, and is also an important means of industrial development and urban-rural development coordination, traditional economic development Novel coronavirus pneumonia is based on the statistical data and the relevant models of economics. It only takes into account the influence of the existing laws of Economics on economic growth, and lacks the research on other incidental situations. For example, the new crown pneumonia epidemic this year has brought serious challenges to the national economic operation, and the state has adjusted the economic goals this year. In response to environmental changes, we should make full use of cloud computing, big data and AI and other advanced technologies to support the economic development forecast, so as to make the prediction results more intelligent, more realistic, more comprehensive, and more effective in risk control, so as to provide more beneficial suggestions and Countermeasures for the decision-making and executors in the economic field. We can establish a variety of economic research models, design multi-dimensional forecasting schemes, and incorporate political, economic, market, operation, liquidity and other risk factors into the regional economic growth prediction system, so as to improve the scientificity and comprehensiveness of the prediction [3].
3.2. Continuously strengthen the research on potential development regions
Potential development areas are marginal areas with relatively weak economic foundation and relatively backward development level. They have great potential in tapping the kinetic energy of economic development. They usually have unique advantages in natural resources, cultural and historical resources or labor resources. At present, the main contradiction in China has been transformed into the problem that people's yearning for a better life and unbalanced and inadequate development, The marginal areas are the lagging factors that cause the unbalanced development. However, it has a certain development potential, but lacks of scientific planning and endogenous driving force, which requires economic workers to increase the research of the region, deeply analyze the fundamental constraints of economic development in such areas, take the problem as the guidance, comprehensively evaluate the local advantageous resources or industries, and provide various suggestions combined with the market and policy environment At the same time, we should summarize the failure lessons in the process of economic development before, so as to avoid the unsustainable development mode of environmental pollution, waste of resources and low input-output efficiency in the process of stimulating economic growth in the future. Continue to establish some policies and strategies in line with the development of the region. Only by making up the weaknesses in the development of marginal areas can we better balance the development differences among industries among regions, increase the research on economic development of potential development regions, and also provide enlightenment for the central and western regions with economic development lagging behind to fully mobilize existing resources and enhance the endogenous driving force of development [4].

3.3. Analysis and Research on Regional Industrial Development
Industrial layout and the formation of regional economic system complement each other. Regional development cannot do without industry, and industrial development needs regional resource endowment. The important reasons for the formation of regional economic growth differences are the unreasonable industrial structure in the region, insufficient transformation and upgrading of traditional advantageous industries, difficulty in effectively resolving the problem of overcapacity, and the lack of coping strategies and strength in the face of severe competition in the market economy. Therefore, regional economic research should focus on the optimization and upgrading of the industrial system, focusing on the optimization of the three industrial systems, the reform of the supply side of industry and agriculture, the development of modern service industry, the development of human resources, the construction of a financial market with complete elements, the integration of primary, secondary and tertiary industries, speeding up the distribution of industrial chain, supply chain, value chain, and coping strategies of international trade friction In order to realize the relative coordination and balance among regions, we should use strong industries to drive the local economy, enhance the competitiveness of market entities, ensure a reasonable level of employment, improve the mechanism of residents' income growth, improve the local ecological and economic environment, and promote the sustainable development of the weak and lagging regions.

3.4. Strengthen the guidance of government economic management function
Although the market plays a decisive role in the allocation of resources in the market economy environment, the economic management function of the government is still a necessary factor to ensure the relative balance of regional economy. Academic research should carry out more comprehensive and detailed research on the formulation of government macroeconomic regulation and control policies, and truly provide effective and feasible suggestions for the Party committee and government decision-makers. It is important to carry out research on the use and adjustment of fiscal and monetary policies, such as optimizing the financial and political transfer payment mechanism, reasonable division of fiscal and Taxation Powers, formulation of tax reduction and interest granting policies, and the implementation of tax reduction and profit sharing policies in some regions At the
same time, we should maintain good communication with the administrative departments and revise the research direction in time.

4. Conclusion
It can be seen that the research on regional economic growth differences is a complex project. In the research work, we should pay attention to the concept, method and innovation, pay more attention to the marginal areas and underdeveloped areas, and deeply explore and analyze the direct and fundamental causes of the differences, so that academic research can become an important force to promote the coordinated development of regional economy.

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