

The Effect of Mathematics Statistics Mathematicson Modern Economic Society

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ABSTRACT. *There is a close relationship between mathematics statistics mathematicsand modern economy. Mathematics statistics can be used as a very important analytic tool in the theoretical and practical research process of modern economy. In the course of history, mathematics involves all aspects of social and economic development. For economic theories, mathematics statistical methods can solve economic problems and become analytical tools for various economic theories. For the development of modern economic society, mathematics statistical methods can analyze the law of the development of a certain economic industry based on statistical data, thereby promoting the scientific rationality of economic budgets, and ultimately promoting the development of modern economic society. This article briefly analyzes the effect of mathematics statistical methods on modern economic society in order to provide references for development practice.*

KEYWORDS: *Radio and television technology, Mobile internet technology, Mixed method*

1. Introduction

With the rapid development of economic society, mathematics statistical methods are widely used in economic analysis, and there is an inseparable relationship between mathematics and economics. The application of mathematics statistical methods has also made economists and the public more inclined to quantitative analysis, focusing on the use of statistical methods to evaluate various economic indicators, and providing reliable data for forecasting and reforming economic trends, compared to qualitative analysis. On the one hand, the application of mathematics statistical methods is conducive to providing a basis for the economic strategic decision-making of modern enterprises, promoting the scientific rationality of decision-making, thereby enhancing economic benefits. On the other hand, it can effectively prevent and control the economic risks of modern enterprises. The development of modern economic society is inseparable from mathematics statistical methods. The development of modern society and the development of economic management society cannot be separated from mathematical statistical methods. Based on this, it is necessary to strengthen its application, summarize economic laws, strengthen the application of mathematical statistical methods in

economic forecasting, and support the growth of modern economy.

2. Mathematics Statistical Methods Can Be Used to Solve Economic Problems

Mathematical statistical methods have obvious advantages in solving economic problems. The analytical logic of mathematical statistical methods is precise and rigorous, and the analytical conclusions are more accurate and clear. Since the analysis of economic problems has high requirements for the scientific nature of the methods and the accuracy of the results, mathematical statistical methods can meet the above requirements.. Mathematics statistical methods can just meet the above requirements, so they can be widely used in the solution of economic problems. The application of mathematics statistical methods in the field of economics appeared a long time ago. With the in-depth integration of mathematics statistical methods and economics, many professional theories for economic analysis have emerged in the field of mathematics, such as mathematics economics and econometrics, etc., which provide a deeper theoretical basis for the application of mathematics statistical methods in modern economics. The application of mathematics statistical methods in economics has a fixed pattern. First, we need to construct mathematics models based on actual economic problems, second, we need to analyze the models through mathematics statistical methods and draw conclusions. The final step is to evaluate the conclusions. In this process, the relevant principles and theories of economics need to be used. The results of the evaluation are scientific and effective are helpful to guide the direction of economic development. Combining qualitative and quantitative research and analysis with mathematics statistical methods in modern economic society can predict the trend of economic activities, and at the same time improve the scientific effectiveness of decision-making, strengthen risk control, and optimize economic operations.

3. Analytical Economic Theory

Mathematics statistical methods have been used in the research of economic theory for a long time. From the combined effect of the two, mathematics statistical methods play a very important role in the research of economic theory. The application of economic theory through mathematics statistical methods has become incisive. At the same time, this method itself is also a manifestation of quantitative research methods. Compared with the previous economic theories that focus on qualitative analysis, the application of mathematics statistical methods are more reasonable and scientific. As a quantitative research tool, mathematics statistical methods should be used widely. Additionally, mathematics methods should be cited to explain economic theories so as to achieve the goal of economic theoretical research.

4. Summary of the Laws of Economic Industry Development

In the development of modern economy and society, both enterprises and economists are inseparable from mathematics statistical methods to analyze the trend of economic development. Mathematics statistical methods are the key to the scientific summary of the laws of economic society and economic industry development. Modern economic society is composed of multiple subsystems. Different economic and social fields have different ways and effects of mathematics statistical methods. In the economic field, mathematics statistical methods can analyze social economic phenomena through data collection, processing and analysis, and summarize the laws of economic development from phenomenon to essence. In the social field, mathematics statistical methods can be used to analyze social data to reveal the laws. The same is true in the medical field, using statistical methods to collect and analyze data, so as to find the hidden social and economic laws.

5. Promoting the Feasibility of the Economic Budget

The ultimate goal of applying mathematics statistical methods in modern economic society is to increase economic returns. The role of mathematics statistical methods is not only as a theoretical analysis tool, but also as a basis for practical operation which can improve economic budgets. The current mathematics statistical methods can verify the feasibility of economic projects, but its role is still difficult to achieve a practical goal. This is due to the current application research still remains at the feasibility study and importance analysis of mathematics statistical methods in the application of economics, and there is a lack of practical guidance research. At the same time, some of the studies are difficult to attract public recognition, making mathematics statistical methods are inadequate in modern economic society. Based on this, it is necessary to strengthen the application and publicity of mathematics statistical methods, so that its use value can be highlighted, thereby enhancing its role in the economy, improve economic decision making, and helping social and economic progress.

6. Conclusion

In total, mathematics statistical methods have been widely used in modern economic society, and play an important role in economic theoretical analysis, summary of economic industry laws, and economic practice.

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