

Making full use of AI and simulation technologies across different fields for a human-centered society

Integration of Alternative Data into Theoretical Models for Novel Economic Survey

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Summary :

This study proposes an integrated technique of large-scale data analysis, economic theoretical analysis, and social simulation to index and visualize the economic situation in any social context and to provide material for policy decisions.

We will develop two technical issues necessary for the sustainable social implementation of economic index services using alternative data based on artificial intelligence technology: (A) technology for integrated analysis of multi-layered economic data, and (B) service provision infrastructure technology for economic analysis using artificial intelligence technology. By providing the methods developed in this research and their applications, we can encourage companies with advanced artificial intelligence technology to enter the FinTech field, such as economic information services. The techniques developed are offered as methods applicable not only to the economic sector, but also to other social phenomena.

AI Economic Sensing

- Nowcasting the economic situation through large-scale data analysis, including alternative data
- Forecasting and policy support through economic theory models + data mining

