

## **Compilation and Analysis of Input-Output Table for Korean Kimchi and its Related Commodities**

Topic: 814C Special session:Economic Impacts of Specific Foods: Kimchi, Tsukemono, Tomato  
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Kimchi represents the true spirit of Korea and is considered to be one of the healthiest foods in the world. However, without an adequate analysis tool, there have been limitations to evaluating how much important Kimchi industry is in the Korean economy and estimating economic impact of the industry. Adding to that, more reliable analysis of Kimchi industry is needed for better policy-making, support and estimation of the industry.

This research is aimed at understanding the reality of the Kimchi industry with maintaining objectivity and developing analysis tool to analyze the correlation with related industries. The development of an Kimchi industry-oriented IO table will allow us to grasp how Kimchi industry is correlated with other industries in the economy as a whole and how much the industry is important based on the input-output structure.

The research purpose is drawing up an Kimchi industry oriented-IO table with separating Kimchi from other related items and making Kimchi industry an independent one. It will utilize Economy Census, Mining & Manufacturing Survey and Import and Export data from Korea Customs to organize basic statistical DB. Then we will conduct estimation and separation of total output, value-added and final demand of the Kimchi industry. For the estimation of endogenous part, survey on the actual condition of Kimchi production companies and Kimchi refrigerator manufacturers will be made to precisely analyze input and output side of the industry. Based on the result, we will estimate endogenous part.

With the Kimchi industry oriented-IO table, a study on economic impact of the industry will be conducted using production inducement coefficient, value-added inducement coefficient and labor inducement coefficient.