

Cluster Analysis of the Effects of Trade Restrictions on the EU Food System: A SAM Multiplier Approach

Topic: Economics of Food Systems - II

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This paper investigates the potential impact of a reduction in imported marketable goods on the food system, focusing on the resilience and vulnerability of different clusters to potential spillover effects. To achieve this, the 2015 BioSAM database is used to conduct a comprehensive analysis of the impact of changes in the food system, including the assessment of potential effects on different sectors. At this purpose, the COMEXT trade database is employed to identify products that may be affected by trade restrictions, which will help in defining the scale of changes. By employing different SAM multipliers, the aim is to provide a more nuanced understanding of the resilience and vulnerability of different clusters in the food system across EU countries. The statistical analysis will be conducted to formally identify clusters and test for structural differences, with a specific focus on the impact of trade restrictions between Ukraine and Russia.