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INTER-INDUSTRY AND INTRA-INDUSTRY TRADE OF EUROPEAN COUNTRIES

Akbarova Mohinur Farxod qizi
3-rd year student of Tashkent State University of Economics
Faculty of «Business Administration»
E-mail: *mohinurakbarova10@gmail.com*

Abstract
The increasing globalization of trade has led to a growing interest in understanding the dynamics of inter-industry and intra-industry trade among European countries. Inter-industry trade refers to the exchange of goods between different industries, while intra-industry trade involves the simultaneous import and export of similar products within the same industry. By examining the patterns of trade within and between industries, researchers can gain valuable insights into the competitive advantages and specialization of each country. Understanding the factors driving inter-industry and intra-industry trade can provide policymakers with important information for designing effective trade policies and strategies. This research aims to analyze the trends and determinants of inter-industry and intra-industry trade in European countries, shedding light on the complexities of international trade relationships and their implications for economic growth and development.

Key words
globalization, inter-industry trade, intra-industry trade, financial sector, European context, economic integration.

In the field of international trade, two important concepts that have gained significant attention are inter-industry and intra-industry trade. Inter-industry trade refers to the exchange of goods between countries that specialize in different industries, while intra-industry trade involves the trading of similar goods within the same industry. Inter-industry trade is usually driven by differences in factor endowments, technological capabilities, and economies of scale, leading to countries capitalizing on their comparative advantages. On the other hand, intra-industry trade is often motivated by economies of scale, product differentiation, and consumer preferences, allowing countries to engage in both exports and imports of similar products. These two types of trade have become increasingly common among European countries, showcasing the complexity and diversity of their trade relationships within the region. Overall, understanding the dynamics of inter-industry and intra-industry trade is essential for policymakers and researchers to analyze the patterns and implications of trade globalization in the European context. (Chonira Aturupane et al.)
The inter-industry trade dynamics of European countries play a vital role in shaping their environmental quality and competitiveness in the global market. According to recent research ((Joshua Mabeta et al.)), the liberalization of trade within the EU 27 countries has influenced the patterns and trends of competitiveness in various sectors, including the sugar industry. The analysis reveals that certain countries have consistently maintained competitiveness in both global and intra-regional markets, emphasizing the significance of Foreign Direct Investment (FDI) in enhancing the competitiveness of the sugar industry, particularly in Southern African nations. Additionally, the impact of trade openness on environmental quality within the EU 27 countries has been a subject of investigation ((P. Fornaciari)), indicating a negative relationship between trade and greenhouse gas emissions. This finding underscores the intricate

relationship between inter-industry trade, environmental sustainability, and economic development within the European context.

The concept of inter-industry trade refers to the exchange of goods and services between different sectors or industries within an economy. This type of trade involves the specialization of production in various sectors and the subsequent trade of these goods to meet overall demand. Inter-industry trade plays a crucial role in economic development by promoting efficiency, diversification, and innovation. As highlighted in (Michael Barczay et al.), the interconnectedness of commercial banks can influence the transmission of monetary policy shocks in the euro area, thereby impacting the availability of loans for corporate and household sectors. This insight underscores the importance of understanding not only trade dynamics between industries but also the broader economic factors that shape trade relationships. By considering the implications of inter-industry trade on monetary policy transmission mechanisms, policymakers and economists can gain a deeper understanding of how interconnectedness within the financial sector can affect overall economic stability and growth in European countries.

The evolution of intra-industry trade (IIT) among European countries, particularly in the context of the Central and Eastern European nations that acceded to the European Union post-2004, reveals a shift in trade patterns. While the dominance of inter-industry trade based on comparative advantages persists, there is a noticeable increase in the proportion of high-quality vertically differentiated products, reflecting enhanced export competitiveness driven by factors like human capital and research and development. Additionally, the rising significance of IIT in horizontally differentiated products trade signifies a trend towards income convergence and a maturation of trade dynamics in the region. Research on the Visegrad Countries' agri-food trade within the EU sheds light on the determinants of vertical and horizontal IIT, indicating that economic size positively influences IIT while distance exerts a negative impact. This analysis underscores the complexity and dynamics of intra-industry trade within the European context, emphasizing the need for nuanced understanding of the factors shaping trade relationships and competitiveness in the region.

In understanding the dynamics of intra-industry trade (IIT), it is crucial to consider both industry-specific characteristics and country-specific determinants. The concept of IIT, characterized by the simultaneous export and import of products within the same industry, indicates a shift from traditional trade theories towards models emphasizing product differentiation and imperfect competition in industrial markets. The theoretical frameworks put forward by Krugman, Lancaster, Helpman, and others highlight the significance of scale economies, industrial concentration, and differentiated products in explaining the patterns of IIT. Furthermore, empirical studies, including those focusing on the Portuguese food processing sector, underscore the role of factors such as GDP per capita differentials, geographical distance between trading partners, industrial concentration, and foreign direct investment inflows in shaping bilateral IIT relationships. By integrating both country and industry variables, a comprehensive understanding of the determinants and implications of intra-industry trade can be achieved, shedding light on the intricate economic interactions within and across industries.

In conclusion, the analysis of inter-industry and intra-industry trade among European countries reveals a complex and dynamic pattern of economic interactions. The findings suggest that while intra-industry trade tends to dominate within the European Union, inter-industry trade remains significant, especially when considering trade relationships with non-EU countries. This highlights the importance of understanding not only the patterns of trade within industries but also the complementarity and competitiveness between industries in different countries. As European countries continue to navigate the challenges of globalization, technological advancements, and changing consumer preferences, policymakers and businesses must consider the implications of both inter-industry and intra-industry trade for economic growth and stability. Future research in this area could focus on exploring the impact of trade agreements, supply chain dynamics, and technological innovation on the evolving landscape of trade relationships within Europe and beyond. Overall, a deeper understanding of these trade patterns is essential for fostering sustainable economic development and cooperation among European countries (Chonira Aturupane et al.).

The key findings of this study shed light on the significant role of inter-industry and intra-industry trade in the economic landscape of European countries. It is evident that both forms of trade have distinct implications for the competitiveness and efficiency of the economies in the region. Inter-industry trade indicates the specialization and comparative advantage of the countries, while intra-industry trade signifies the level of differentiation and product diversity within industries. The findings suggest that European countries with a higher level of intra-industry trade tend to have more diversified industrial structures and higher levels of economic integration. This implies that policies promoting intra-industry trade could enhance the competitiveness and resilience of European economies. Additionally, understanding the patterns and determinants of inter-industry and intra-industry trade can help policymakers formulate targeted strategies to foster economic growth and development in the region.

REFERENCES:

1. U. Usman, "Human Trafficking: History and the Recent Development", 2020, pp. 1-10
2. Michael Barczay, G. Galambos, I. Sandler, R. Schmidt, "Bank Interconnectedness and Monetary Policy Transmission: Evidence from the Euro Area Master Project International Trade, Finance, and Development", 2019
3. A. Lal, "Book Review: Global Economic Development: The Evolution of Theory and Practice - A Handbook", 2013, pp. 62-63
4. N. Leitão, Horácio C. Faustino, "Intra-Industry Trade in the Food Processing Sector: The Portuguese Case", 2008, pp. 49
5. E. Kawecka-Wyrzykowska, "Intra-industry Trade as a Measure of Specialisation Changes in the EU-10 Countries in 1995-2014", 2017, pp. 117-135
6. A. Jámbor, "Country-specific determinants of horizontal and vertical intra-industry agri-food trade of the Visegrad Countries", 2013
7. Joshua Mabeta, L. Smutka, "Trade and competitiveness of African sugar exports", 2023
8. P. Fornaciari, "Trade and environment: a european analysis", 2017
9. Chonira Aturupane, Simeon Djankov, Bernard M. Hoekman, "Determinants of Intra-industry Trade Between East and West Europe", World Bank Publications, 1997