COMPETITIVENESS

Student's Name

Code + Course Name

Professor's Name

University Name

City, State

Date

Introduction

The comparison between the competitiveness of India and China is an issue of great importance in global economics. This comparison is highly relevant given the size of the two economies and the potential for growth in each. To make a comparison between the competitiveness of India and China, there are several economic theories that can be used. This essay will discuss three of the most important theories: the Porter Diamond Model, the Resource-Based View, and the Heckscher-Ohlin model.

Economic Theories

The Porter Diamond Model, developed by Harvard Business School professor Michael Porter, is a useful theory for understanding the sources of international competitiveness. This theory argues that the competitiveness of a nation is driven by four distinct factors: factor conditions, demand conditions, related and supporting industries, and firm strategy, structure, and rivalry (Kharub and Sharma, 2017). Factor conditions refer to the availability of natural resources, labor, infrastructure, and capital. Demand conditions refer to the size and composition of the domestic market. Related and supporting industries refer to the industries that provide inputs to the production process. Firm strategy, structure, and rivalry refer to the behavior of firms in the domestic market. By understanding the dynamics of these four factors, it is possible to get a better understanding of the competitiveness of a nation.

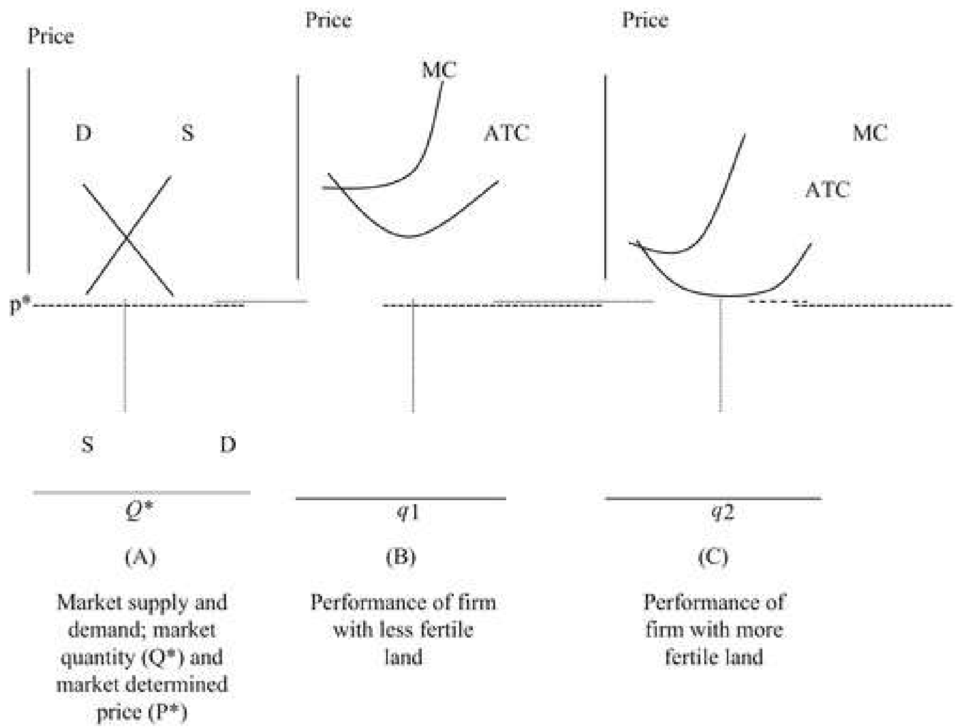

Figure 1: The Resource-Based View in Market

The Resource-Based View is another important economic theory that can be used to compare the competitiveness of India and China. This theory argues that a nation's ability to compete in the global market depends on its ability to use its resources in a way that gives it a competitive advantage (Bromiley and Rau, 2015). This includes the availability of natural resources, human capital, and technology. This theory suggests that India and China must use their resources strategically in order to gain a competitive edge in the global market.

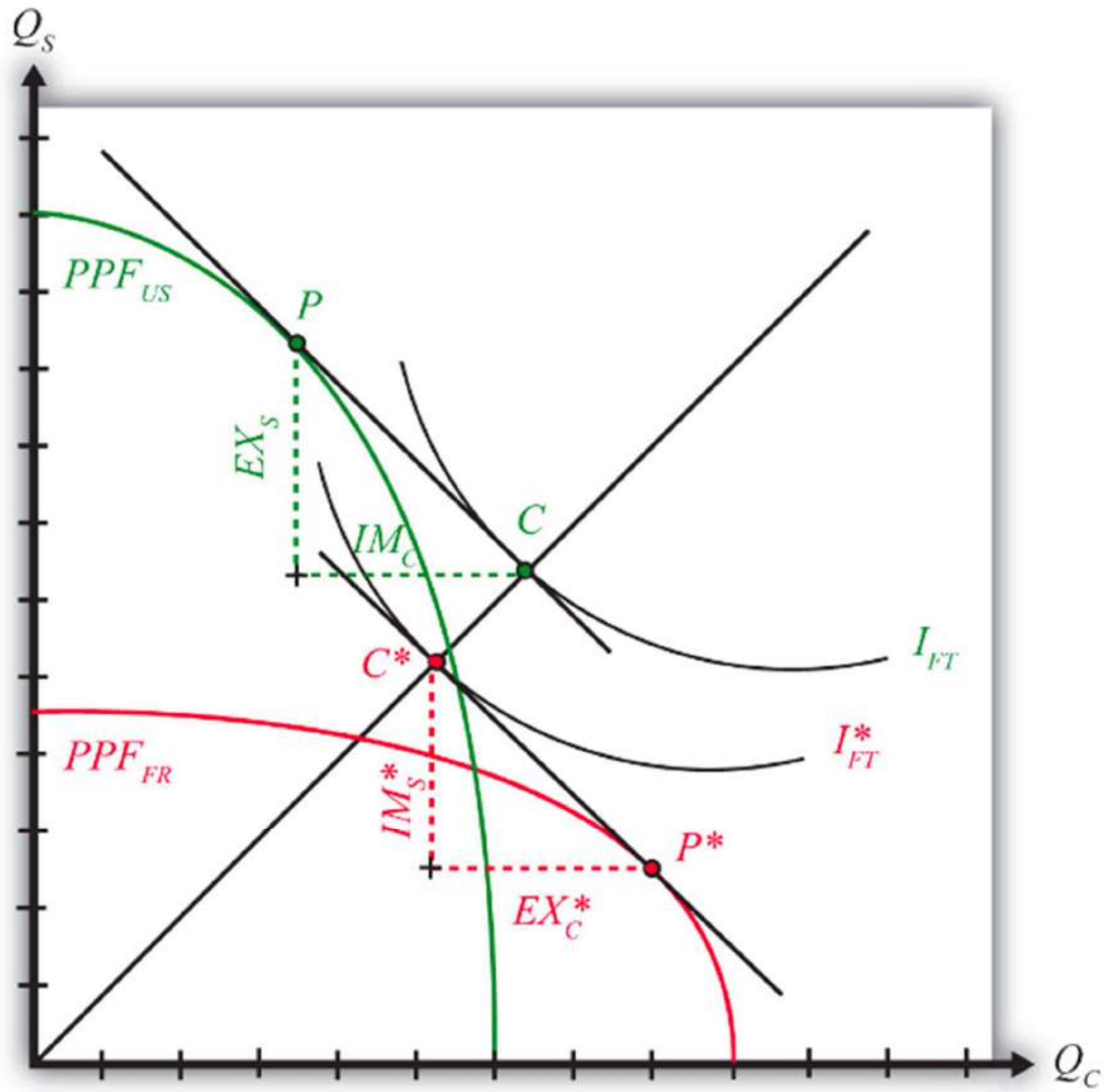

Figure 2: Heckscher-Ohlin Model's Free Trade Equilibrium

The Heckscher-Ohlin model is a third important economic theory that can be used to compare the competitiveness of India and China. This model argues that a nation's competitiveness is determined by its comparative advantage in the production of goods. This model suggests that a nation's comparative advantage is determined by the availability of certain factors of production, such as labor and capital (Etro, 2017). Based on this model, it can be argued that India and China have different comparative advantages, which can be used to gain a competitive edge in the global market.

Literature Review

In recent decades, India and China have undergone a significant economic transformation and are now counted among the world's fastest-growing economies (Hu et al., 2019). China is a major global manufacturing and export hub, and India is a dominant player in the services sector (Behl, 2022). This has led to intense competition between the two countries on a global scale, with each country vying for a larger share of the global market. One of the critical factors that have contributed to the competitiveness of India and China is their ability to attract foreign investment (FDI). According to Behl (2022), the manufacturing sector of both countries has experienced significant growth, largely due to the crucial role played by foreign direct investment (FDI). The author contends that while both countries have successfully attracted FDI, China has been more successful due to its more favourable business environment, infrastructure, and government policies.

Another important factor that has contributed to the competitiveness of China and India is their ability to innovate and adopt new technologies. Müller et al. (2020) note that India and China have made substantial investments in research and development (R&D) and has established itself as a significant participant in the global innovation arena in recent years. According to the authors, China has achieved greater success in research and development spending and innovation output. However, India has also made noteworthy progress in these areas, particularly in the software and IT services industries.

However, the state of the business environment and government policies in both countries have also been noted as factors that could impede their competitiveness. Hu et al. (2019) argue that state capitalism in China has given rise to business groups that dominate the economy and limit competition, potentially hindering the growth of other firms. The authors suggest that while India has its challenges in terms of regulatory complexity, its more open and competitive business environment could give it an advantage over China in the long term.

Notwithstanding, the education and skill levels of the workforce have also been identified as critical factors that impact the competitiveness of both India and China. As Behl (2022) notes, China has taken the lead in Science, Technology, Engineering and Mathematics (STEM) education, and both nations have made substantial progress in enhancing the education levels of their citizens. However, Behl (2022) argues that India has also made significant strides in this area, particularly in the IT sector, and could potentially surpass China in the future.

Regarding trade and economic policies, the two countries have taken different approaches. While China has been more successful in exports and trade, India has focused more on its domestic market and has implemented protectionist policies to support local industries (Momaya, 2019). However, this approach has also led to some criticism, with experts arguing that it could limit India's long-term competitiveness (Momaya, 2019). Notwithstanding, the impact of geopolitical tensions on the competitiveness of India and China cannot be ignored. The ongoing border dispute between the two countries has created uncertainty in the region and could potentially impact trade and investment flows (Momaya, 2019). Additionally, tensions with other major players, such as the United States, could also affect the competitiveness of both countries in the long run.

Relevant Statistics

A country's economic performance is often measured by Gross Domestic Product (GDP), a critical indicator. According to the International Monetary Fund (IMF), China's GDP was $16.1 trillion in 2020, making it the world's second-largest economy after the USA (IMF, 2022). India's GDP was $2.7 trillion in 2020, making it the world's fifth-largest economy (IMF, 2021). Notable, FDI is also a crucial driver for economic growth and comparative advantage. In 2020, China emerged as the top destination for foreign direct investment (FDI) globally, receiving a staggering $163 billion in FDI inflows, according to the United Nations Conference on Trade and Development (UNCTAD). Meanwhile, India, ranked as the world's fifth-largest recipient of FDI, attracted $64 billion in FDI inflows during the same year, as reported by UNCTAD in 2021.

These statistics have important implications for UK businesses. Both China and India represent significant markets for UK businesses, with a growing middle class and increasing demand for goods and services. The resource-based view suggests that UK businesses can benefit from investment in these countries' abundant natural resources, while Porter's theory emphasizes the need for innovation and efficiency to compete in these markets (Kharub and Sharma, 2017). The Heckscher-Ohlin model highlights the importance of labor costs in determining competitiveness, indicating that UK businesses may need to adapt to the changing labor markets in these countries.

Moreover, the UK's decision to leave the European Union has created uncertainties in the country's trading relationships, making it imperative for UK businesses to diversify their markets. China and India, as two of the world's largest economies, present significant opportunities for UK businesses looking to expand globally (Müller et al., 2020). However, businesses must also be aware of the challenges of doing business in these markets, including differences in culture, language, and business practices.

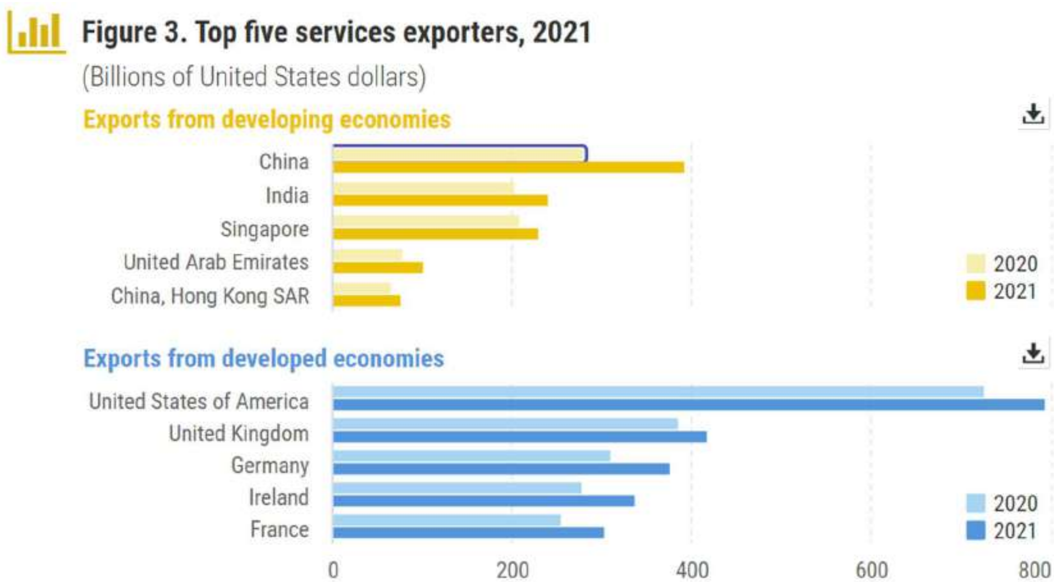

***Figure 3**: Global Competitiveness Index (*Source: UNCTAD Handbook of Statistics 2022)

The competitiveness of India and China also has implications for international trade. The two countries are major trading partners with many countries worldwide. India and China compete in several sectors, such as information technology, pharmaceuticals, and automobile manufacturing (Hu et al., 2019). Understanding the competitiveness of the two countries can help other countries develop strategies to improve their trade with these countries. Additionally, it can help countries understand the impact of the trade policies of these countries on their economies.

Conclusion

In conclusion, the competitiveness of India and China is a crucial topic that requires a comprehensive analysis of economic theory and relevant statistics. Based on the literature review, it is clear that the two countries have different competitive advantages and disadvantages, and their economic structures and policies also differ. India has a competitive advantage in the service sector, while China's competitive advantage lies in manufacturing. China and India have adopted distinct economic policies, with China embracing a state capitalism model and India implementing a democratic model. Although China's state capitalism has spurred rapid economic growth, it has also given rise to obstacles like corruption and lack of transparency.

On the other hand, India's democratic model has resulted in slower economic growth, but it has a more stable political system. India needs to focus on improving its infrastructure, education, and innovation, while China needs to address its challenges of corruption, lack of transparency, and intellectual property rights. Businesses, governments, and consumers can benefit from improved understanding of the competitiveness of these two countries, as it can help them make informed decisions and develop strategies that can improve their economies.

References

Allan, B.B., 2019. Paradigm and nexus: neoclassical economics and the growth imperative in the World Bank, 1948–2000. *Review of International Political Economy*, *26*(1), pp.183-206.

Behl, A., 2022. Antecedents to firm performance and competitiveness using the lens of big data analytics: a cross-cultural study. *Management Decision*, *60*(2), pp.368-398.

Bromiley, P. and Rau, D. (2015). Operations management and the resource-based view: Another view. *Journal of Operations Management*, 41(1), pp.95–106. doi: https://doi.org/10.1016/j.jom.2015.11.003.

Etro, F. (2017). The Heckscher–Ohlin model with monopolistic competition and general preferences. *Economics Letters*, [online] 158, pp.26–29. https://doi.org/10.1016/j.econlet.2017.06.021.

Ghasemkhani, A., Ghavidel Doostkouei, S., Gholamabri, A. and Mousavi, M.H., 2023. The origins of comparative advantage: economic complexity and industrial inefficiency. *Applied Economics*, pp.1-16.

Hu, H.W., Cui, L. and Aulakh, P.S., 2019. State capitalism and performance persistence of business group-affiliated firms: A comparative study of China and India. *Journal of International Business Studies*, *50*, pp.193-222. https://doi.org/10.1057/s41267-018-0165-5

International Monetary Fund, 2022. *World Economic Outlook Database, October 2022*. Retrieved from https://www.imf.org/en/Publications/WEO/weo-database/2022/October

Kharub, M. and Sharma, R. (2017). Comparative analyses of competitive advantage using Porter diamond model (the case of MSMEs in Himachal Pradesh). *Competitiveness Review*, [online] 27(2), pp.132–160. doi: https://doi.org/10.1108/cr-02-2016-0007.

Momaya, K.S., 2019. The past and the future of competitiveness research: A review in an emerging context of innovation and EMNEs. *International Journal of Global Business and Competitiveness*, *14*(1), pp.1-10. https://doi.org/10.1007/s42943-019-00002-3

Müller, J.M., Veile, J.W. and Voigt, K.I., 2020. Prerequisites and incentives for digital information sharing in Industry 4.0–An international comparison across data types. *Computers & Industrial Engineering*, *148*, p.106733. https://doi.org/10.1016/j.jclepro.2019.119119