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Article

How Economics Shapes Life and Business

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Abstract: Economics, as a social science, provides a framework for understanding how individuals and businesses allocate scarce resources and make strategic decisions. In this study, we explored the influence of economic principles on personal decision-making and business strategies. At the individual level, we examined how concepts such as opportunity costs, marginal analysis, incentives, supply and demand, income and wealth effects, externalities, and behavioral biases shaped consumption, labor supply, and investment choices. Behavioral economics further highlighted deviations from rational decision-making because of cognitive biases. At the business level, economic forces determined competitive conditions, resource allocation, and strategic responses to market dynamics. Firms navigated economies of scale, factors affecting productivity, market structures, labor market complexities, technological disruptions, government interventions, and global economic integration. Our study integrated theoretical and empirical insights to illustrate the practical implications of economic reasoning in everyday life and business strategy. The findings emphasized the importance of economic literacy in optimizing choices in personal life and corporate decision-making in business.

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1. Introduction

Economics, as a social science, examines how individuals, businesses, and societies allocate scarce resources to meet unlimited wants (McAleer, 2017). The study of resource allocation is fundamental to economics, as it determines how scarce resources are efficiently distributed among individuals and businesses (Yun-hong, 2001). At its core, economics provides a framework for understanding the incentives and constraints that shape human behavior and decision-making (Lau & Wenzel, 2015). Economic theory allows for systematically evaluating tradeoffs that underlie different aspects of personal and business activity.

At the personal level, economic principles explain the daily decisions that individuals and households face in areas such as earning, spending, saving, investing, and managing resources over the life cycle. Economic decision-making is influenced by various incentives, including financial rewards and opportunity costs, which shape consumption, labor supply, and investment choices (Steinbacher, 2009). Furthermore, economics has been used to explain how individuals allocate their resources among consumption, labor, and human capital investment (Akhter & Shah, 2007).

In the business area, economic forces determine competitive conditions and shape strategies related to production, pricing, investment, and adaptation to market changes. Businesses operate under scarcity and uncertainty, requiring them to make strategic decisions regarding resource allocation (Bower, 2017). Theories such as transaction cost economics and competitive strategy provide insights into firm behavior and industry dynamics (Rickard, 2006). Additionally, firms must respond to market forces and regulatory frameworks that influence their long-term strategic planning (Morelli, 2018).

Despite the extensive application of economic principles, the specific mechanisms through which economic factors influence personal and business decisions remain relatively underexplored. This paper seeks to address the four research questions:

(1) How do economic forces shape daily life and the decisions made by individuals and households?

(2) How do economic theories and conditions affect the operations and evolution of businesses and industries?

By investigating the connections between economic ideas and real-world decision-making, this study illustrates the practical value of economic analysis. The discussion draws on theoretical and empirical research in economics, supplemented by illustrative examples, to highlight how economic ideas manifest in life and business.

The remainder of the paper is organized as follows. Section 2 examines how economic principles shape individual decisions by discussing key topics such as opportunity costs, marginal analysis, incentives, the function of supply and demand, income and wealth effects, externalities, and behavioral biases. Section 3 explores how economic forces influence business strategies and performance by analyzing economies of scale, productivity imperatives, market structure dynamics, labor market complexities, technological disruption, government interventions, and global economic integration with digital transformation. Finally, Section 4 synthesizes the findings to emphasize the importance of economic understanding in both life and business contexts.

2. RQ1: Economic Effects on Life

At the individual level, economic theory provides a systematic framework for understanding how scarce resources are allocated among competing uses. Classical models in microeconomics assume that individuals are rational agents who aim to maximize their utility given budget constraints. This section built on that foundation by integrating established economic theories with recent empirical insights to explain how daily decisions were made and how these decisions reflected broader economic principles.

2.1. Opportunity Costs

Every decision involves a tradeoff, which is a key concept in consumer theory (Hosoya, 2024). When an individual allocates time or money to one activity, they lose the opportunity to use that resource for an alternative purpose. The idea of opportunity cost is best illustrated by the production possibility frontier, where choosing to produce more of one good means producing less of another. For example, if a person decides to take a lower-paying but more fulfilling job, they give up the higher salary they could have earned in a different role.

Although individuals rarely calculate this cost explicitly, economic models assume that such tradeoffs influence behavior systematically. In academic discussions, opportunity cost is often used to explain why individuals allocate resources in a way that reflects their preferences and the relative value of alternatives (Hosoya, 2024).

2.2. Marginal Analysis

Marginal analysis is an important part of economic decision-making. The marginal utility theory explains that the additional satisfaction gained from consuming one more unit of good declines as consumption increases, a phenomenon known as diminishing marginal utility (Marques & Pascoal, 2018).

In practice, individuals evaluate the marginal benefit and marginal cost of a slight change in their behavior, whether dedicating an extra hour to study or paying a higher price for a better-quality product. This incremental approach is supported by optimization theory, which shows that rational agents will continue to adjust their choices until the marginal benefit equals the marginal cost (Jere,

2021). Such analysis is essential in consumer theory and managerial decision-making, particularly in cost allocation, pricing strategies, and production optimization (Chauhan & Jadhav, 2024).

2.3. Incentives

Economic models emphasize that individuals respond to incentives. Positive incentives, such as discounts or cash rewards, and negative incentives, such as taxes or fines, both play a role in shaping decision-making. In the context of health behavior, behavioral economics research (Vlaev et al., 2019) suggests that financial incentives can effectively encourage healthier choices by leveraging psychological biases such as loss aversion and hyperbolic discounting. The underlying assumption is that people adjust their behavior in response to changes in net benefits.

Another example is that an increase in a year-end bonus might lead an individual to work extra hours, while higher fines may deter risky behavior, such as speeding while driving. The concept of incentives is formalized in models like the principal-agent framework, where agents' behavior is aligned with an organization's objectives through carefully structured rewards and penalties (Martimort & Laffont, 2009).

Moreover, research suggests that well-designed incentives can effectively support behavior change by addressing habit formation, overcoming time inconsistency problems, and reducing switching costs (Gneezy et al., 2020). These mechanisms highlight how incentives can create long-term changes even after removal, making them a valuable tool for shaping individual decisions.

2.4. Supply and Demand

The interaction between supply and demand is a foundational principle in economics that explains how market outcomes are determined (Hui, 2019). Consumers evaluate their needs and preferences against the available supply of goods and services in the context of individual decision-making.

Moreover, prices serve as a signal that equilibrates supply and demand; for example, a rise in the price of a product typically signals scarcity and may prompt consumers to seek alternatives. This relationship is not limited to goods and services; it also applies to labor markets, where wages adjust in response to the supply of skills and the demand for labor. Academic models use supply-demand diagrams and equilibrium analysis (Debaere, 2008) to predict how changes in one variable can shift market outcomes and influence personal decision-making.

2.5. Income and Wealth Effects

Changes in income and wealth have significant implications for consumption behavior (Jaramillo & Chailloux, 2015). Economic theory predicts that as income increases, individuals will adjust their spending patterns in line with Engel's law, which suggests that the proportion of income spent on necessities decreases as income rises. Similarly, the wealth effect indicates that increases in asset values, such as home prices or stock portfolios, can boost consumer confidence and spending, while declines may prompt more conservative financial behavior.

Life-cycle models (Dreger & Reimers, 2012) helped explain how long-term relationships between disposable income, wealth, and consumption influenced consumption and saving decisions. Their findings suggested that house prices substantially impacted consumption more than equity wealth, supporting the life-cycle permanent income hypothesis. Moreover, they highlighted how international financial market integration affected wealth effects, implying that differences in savings behavior could influence long-term consumption patterns.

2.6. Externalities

Externalities occur when the actions of individuals have unintended spillover effects on others (Tresch, 2015). These effects can be positive, such as when well-maintained properties contribute to

higher neighborhood values, or negative, such as when pollution from household energy use imposes costs on society.

The standard economic rationale for government intervention (Gang, 2001), including taxes, subsidies, and legal frameworks, rests on correcting these market failures so that private decision-making better reflects social costs and benefits. Gang (2001) emphasizes that externalities can be internalized through the definition of property rights and legal mechanisms, with the effectiveness of these interventions depending on transaction costs and the nature of public versus private rights.

The analysis of externalities is central to welfare economics and provides a theoretical basis for policies promoting socially optimal outcomes. Understanding externalities helps individuals appreciate that their decisions can have broader implications beyond personal benefits.

2.7. Behavioral Biases and Decision-Making

Traditional economic models assume rational behavior, yet a wealth of research in behavioral economics has demonstrated that actual decision-making often deviates from these predictions due to behavioral biases (Chira et al., 2008). Phenomena such as loss aversion, where individuals weigh potential losses more heavily than gains, and time inconsistency, where short-term impulses conflict with long-term interests, have been documented in numerous studies.

These insights have led to the developing of behavioral models that refine traditional decision-making frameworks. Ramos et al. (2021) propose a decision-making ontology based on behavioral economics, which illustrates how biases emerge in situations of risk and uncertainty. Their model provides a structured approach to understanding decision-making processes and can be used to mitigate cognitive biases.

By integrating these findings, economists can better understand why individuals sometimes make choices inconsistent with traditional theory, offering a more complete explanation of everyday decision-making.

2.8. Summary

Overall, these theoretical concepts formed a comprehensive framework for analyzing how economic forces shaped individual behavior. This section illustrated the complex interplay of factors that influenced personal and household decision-making by combining classical economic theories with insights from behavioral research and empirical data. Such a multifaceted approach not only deepened our understanding of economic behavior but also highlighted the relevance of economic theory in addressing real-world challenges.

3. RQ2: Economic Effects on Business

Economic forces played an important role in defining business operations and strategy. Firms operate within markets influenced by internal factors, such as production technology and management practices, and external factors, including regulatory policies and global competition. This section employed established economic theories from microeconomics, industrial organization, and public economics to explain how businesses adjusted their operations in response to these forces.

3.1. Economies of Scale

Economies of scale are integral to production theory (Athanassiou, 2015). As a firm increases its output, fixed costs—such as investments in infrastructure or machinery—are allocated over a more significant number of units, thereby reducing the average cost of production. This relationship is captured in neoclassical cost functions, where the long-run average cost curve typically declines over a range of outputs. In addition to cost spreading, learning effects and process improvements also contribute to lower per-unit costs.

Several theoretical models, such as cost leadership theories (Kimiti et al., 2020) and Cournot competition models (Stern & Beard, 2011) in industrial organization literature, illustrate how firms

may benefit from increased efficiency and lower marginal costs as they expand. However, these benefits can diminish when a firm reaches a point where coordination and managerial challenges result in diseconomies of scale.

Empirical research in specific sectors, such as healthcare, shows that economies of scale improve efficiency. For instance, a study on public hospitals in Zhejiang Province (Ming, 2010) found that larger hospitals benefited from economies of scale, as their production increase rate was higher than their investment increase rate, leading to more efficient resource utilization.

3.2. Productivity Imperatives

Improving productivity is key to enhancing competitive performance (Baumann et al., 2019). Productivity, defined as the ratio of output to input, is influenced by technological advances, organizational process improvements, and human capital investments.

Production functions, such as the Cobb-Douglas function (Felipe & Adams, 2005), formalize the relationship between inputs—labor, capital, and technology—and outputs. Total factor productivity (TFP) (Van Beveren, 2012) is a valuable measure that captures efficiency gains not directly linked to increases in input quantities. Investments in research and development, employee training, and process innovations are essential for boosting TFP, which can improve profitability and long-term sustainability. Economic growth models often emphasize that productivity improvements are vital to competitive differentiation, underscoring the need for continuous innovation and operational refinement.

3.3. Market Structure Dynamics

The structure of a market influences the strategic options available to firms (Neamtu & Neamtu, 2017). Economic theory categorizes market structures from perfect competition to monopolistic competition, oligopoly, and monopoly. Each structure presents its challenges and opportunities. For example, firms have limited control over prices in highly competitive markets. They operate as price takers, whereas firms may have more discretion over pricing and production decisions in oligopolistic or monopolistic settings.

Models from industrial organizations, such as the Bertrand and Cournot frameworks (Lofaro, 2002), provide insights into how firms interact under different market conditions. The resource-based view further suggests that unique firm capabilities can secure sustainable competitive advantages even within competitive markets. These theoretical insights contribute to understanding how market structure influences pricing, output decisions, and overall competitive behavior.

3.4. Labor Market Complexities

The labor market is a key component of a firm's cost structure and overall performance (Riveros & Bouton, 1991). Labor economics offers a framework for understanding firms' challenges in hiring, training, and retaining skilled workers. The concept of efficiency wages suggests that firms may pay wages above market clearing to boost worker productivity and reduce turnover.

Information asymmetries in the labor market complicate the matching process between employers and potential employees, as described in job search models and human capital theory. Additionally, globalization and rapid technological change have intensified competition for skilled labor, prompting firms to invest in continuous workforce development.

3.5. Technological Disruption

Technological change is one of the significant exogenous forces affecting businesses (Melnyk et al., 2019). The theory of creative destruction, introduced by Schumpeter (Schumpeter, 2013), explains how innovation continually transforms industries by rendering existing technologies less competitive or obsolete.

Advances in information technology, automation, and digital platforms reduce production costs and create new market opportunities and business models (Cozmiuc & Petrisor, 2018). Firms that integrate technological innovations effectively can substantially improve efficiency and product quality. However, rapid technological change also carries risks, such as increased cybersecurity threats and the necessity for ongoing investment in digital infrastructure.

Research using simulation models (Sting et al., 2024) shows that a digital disruption strategy can boost a company's performance relative to competitors in specific markets. At the same time, companies that adapt by adding digital resources to their current processes can remain competitive, even if this leads to tradeoffs between overall and relative performance.

3.6. Government Interventions

Government policies influence the business environment through fiscal measures, regulatory frameworks, and direct investments (Moreira et al., 2020). The theory of market failure (Wallis et al., 1999) provides a rationale for government intervention to address inefficiencies arising from externalities, information asymmetries, and public goods.

Fiscal policies (Gomes, 2022), including taxation and public spending, affect aggregate demand and the business cycle. Regulatory policies such as environmental protection, labor standards, and financial reporting set operating costs and compliance parameters.

Additionally, trade policies, subsidies, and tariffs can affect market entry and competitive dynamics. The interplay between government actions and firm strategies is an area of ongoing research in public economics, illustrating how policy measures may support or constrain business operations.

3.7. Global Economic Integration and Digital Transformation

With globalization, businesses were increasingly required to operate in domestic and international markets (Pchelintsev, 2024). Global economic integration has expanded supply chains, improved access to international markets, and increased exposure to global competition. The theory of comparative advantage (Kowalski, 2011) explains how specialization and trade can benefit countries and firms by focusing on activities where they hold a relative efficiency advantage.

Concurrently, digital transformation has altered business operations by enabling new production, distribution, and customer engagement methods. Digital platforms, big data analytics, and cloud computing offer significant operational efficiency and market expansion opportunities, although they also bring challenges related to data privacy and cybersecurity.

Integrating global market theory (Kvint, 2015) with digital transformation strategies provides a framework for understanding modern competitive dynamics. It highlights the need for firms to adapt to international trends and technological advancements continuously.

3.8. Summary

Overall, this section contributed to understanding how firms navigated complex market environments. Drawing on insights from production theory, industrial organization, labor economics, and public policy, it outlined the economic forces influencing business performance and strategic decision-making. The detailed examination of economies of scale, productivity imperatives, market structure dynamics, labor market complexities, technological disruption, government interventions, and global economic integration offered a comprehensive perspective on the operational realities of modern businesses. Future research may refine these models to account for ongoing changes in global markets and technological innovation.

4. Conclusion

This study demonstrated that economics provided valuable insights into decision-making processes across personal and business contexts.

At the individual level, concepts such as opportunity costs, marginal analysis, and incentive structures—along with findings from behavioral research—clarified how people managed scarce resources and navigated the inherent tradeoffs of everyday life.

At the business level, the analysis revealed that firms responded to various economic forces by enhancing production efficiencies, adjusting to market structure dynamics, and addressing challenges like technological change and regulatory pressures. Examining productivity improvements, labor market complexities, and the effects of global integration and digital transformation further highlighted how enterprises had to adapt to today's competitive environment.

Overall, these findings underscored the importance of economic reasoning in explaining individual choices and corporate strategies. As research continues to integrate empirical observations with refined theoretical insights, future studies should explore how emerging trends—such as rapid technological advancements and evolving global market conditions—influence economic decision-making. Ultimately, a nuanced understanding of these economic forces could support more informed and effective decisions by individuals and organizations, leading to enhanced well-being and improved performance in a dynamic economic landscape.

References

1. Akhter, S., & Shah, H. (2007). Resource Allocation Among Consumption, Labour Supply, Human Capital, Social Capital And Religious Human Capital Theory And Empirical Analysis.
2. Athanassiou, M. (2015). Economies of Scale. 1–1. <https://doi.org/10.1002/9781118785317.WEOM060064>
3. Baumann, C., Cherry, M., & Chu, W. (2019). Competitive productivity (CP) at macro-meso-micro levels. *Cross Cultural & Strategic Management*, 26(2), 118–144.
4. Bower, J. L. (2017). Managing Resource Allocation: Personal Reflections From a Managerial Perspective. *Journal of Management*, 43, 2421–2429. <https://doi.org/10.1177/0149206316675929>
5. Chauhan, M. R., & Jadhav, A. M. (2024). Study on the Application of Marginal Costing in Decision Making. *International Journal of Advanced Research in Science, Communication and Technology*. <https://doi.org/10.48175/ijarsct-16700c>
6. Chira, I., Adams, M., & Thornton, B. (2008). Behavioral Bias within the Decision Making Process. ERN: Other Microeconomics: Decision-Making under Risk & Uncertainty (Topic). <https://doi.org/10.19030/JBER.V6I8.2456>
7. Cozmiuc, D. C., & Petrisor, I. I. (2018). Innovation in the age of digital disruption: The case of Siemens. In *Handbook of Research on Strategic Innovation Management for Improved Competitive Advantage* (pp. 477–497). IGI Global.
8. Debaere, P. (2008). Supply, Demand, and Equilibrium: The Algebra. Darden Case Collection. <https://doi.org/10.2139/ssrn.1279983>
9. Dreger, C., & Reimers, H.-E. (2012). The long run relationship between private consumption and wealth: Common and idiosyncratic effects. *Portuguese Economic Journal*, 11, 21–34. <https://doi.org/10.1007/S10258-011-0075-Y>
10. Felipe, J., & Adams, F. G. (2005). 'a theory of production' the estimation of the cobb-douglas function: A retrospective view. *Eastern Economic Journal*, 31(3), 427–445.
11. Gang, D. (2001). Government Intervention in the Rectification of Externality. *Modern Law Science*.
12. Gneezy, U., Kajackaite, A., & Meier, S. (2020). Incentive-Based Interventions. *The Handbook of Behavior Change*. <https://doi.org/10.1017/9781108677318.036>
13. Gomes, O. (2022). Fiscal Policy and Government Intervention. In *Intertemporal and Strategic Modelling in Economics: Dynamics and Games for Economic Analysis* (pp. 131–153). Springer.
14. Hosoya, Y. (2024). The Relationship between Consumer Theories with and without Utility Maximization.
15. Hui, S. (2019). Equilibrium Models with Dynamic Demand and Dynamic Supply. <https://doi.org/10.13016/epdc-wlpe>
16. Jaramillo, L., & Chailloux, A. (2015). It's Not All Fiscal: Effects of Income, Fiscal Policy, and Wealth on Private Consumption. *International Monetary Fund (IMF) Research Paper Series*. <https://doi.org/10.5089/9781513584744.001>

17. Jere, T. (2021). Marginal Analysis as the Basis for Decision Making. *Interactive Science*, 46–50. <https://doi.org/10.21661/R-553800>
18. Kimiti, P. G., Muathe, S., & Murigi, E. (2020). Cost Leadership Strategy, Competitive Advantage, and Performance: A Cross-Sectional Study In the Context of Milk Processing Firms In Kenya. 6, 64–76. <https://doi.org/10.18510/IJMIER.2020.627>
19. Kowalski, P. (2011). Comparative Advantage and Trade Performance: Policy Implications. <https://doi.org/10.1787/5KG3VWB8G0HL-EN>
20. Kvint, V. (2015). *Strategy for the Global Market: Theory and practical applications*. Routledge.
21. Lau, S., & Wenzel, M. (2015). The effects of constrained autonomy and incentives on the experience of freedom in everyday decision-making. *Philosophical Psychology*, 28, 967–979. <https://doi.org/10.1080/09515089.2014.951718>
22. Lofaro, A. (2002). On the efficiency of Bertrand and Cournot competition under incomplete information. *European Journal of Political Economy*, 18, 561–578. [https://doi.org/10.1016/S0176-2680\(02\)00106-4](https://doi.org/10.1016/S0176-2680(02)00106-4)
23. Marques, J., & Pascoal, R. (2018). Mathematical Economics—Marginal analysis in the consumer behavior theory.
24. Martimort, D., & Laffont, J.-J. (2009). *The theory of incentives: The principal-agent model*. Princeton University Press.
25. McAleer, M. (2017). Economics Is Based on Scientific Methods. 91–92. https://doi.org/10.1007/978-3-319-47458-8_39
26. Melnyk, L., Dehtyarova, I., Kubatko, O., Karintseva, O., & Derykolenko, A. (2019). Disruptive technologies for the transition of digital economies towards sustainability. *Економічний Часопис-XXI*, 9–10, 22–30.
27. Ming, Z. (2010). Empirical analysis of economies of scale in public hospitals of Zhejiang Province. *Journal of Shanghai Jiaotong University*.
28. Moreira, T., Albuquerque, J., Mendes, D. R. F., & Soares, F. A. R. (2020). Should the government intervene in the economy? 215–225. <https://doi.org/10.47695/hegemonia.vi18.184>
29. Morelli, C. (2018). Business Strategy, Economic Crisis and the Theory of the Firm. 47–67. https://doi.org/10.1007/978-3-319-65855-1_3
30. Neamtu, L., & Neamtu, A. (2017). Market Capacity And Structure As Indicators For Corporate Strategy. *Annals - Economy Series*, 81–86.
31. Pchelintsev, A. S. (2024). Digital Transformation of Business in Modern Conditions. *Ekonomika I Upravlennie: Problemy, Resheniya*. <https://doi.org/10.36871/ek.up.p.r.2024.06.02.027>
32. Ramos, E., Campos, M., Baião, F., & Guizzardi, R. (2021). Extending the core ontology on decision making according to behavioral economics. 57–69.
33. Rickard, S. (2006). *The Economics of Organisations and Strategy*.
34. Riveros, L. A., & Bouton, L. (1991). Efficiency wage theory, labor markets, and adjustment. 1.
35. Schumpeter, J. A. (2013). *Capitalism, socialism and democracy*. routledge.
36. Steinbacher, M. (2009). Self-Interest, Incentives and the Decision-Making. <https://doi.org/10.2139/SSRN.1334174>
37. Stern, M. L., & Beard, T. (2011). Cournot Competition and Scale Economies in Capacity. *IO: Theory eJournal*. <https://doi.org/10.2139/ssrn.1851788>
38. Sting, F. J., Tarakci, M., & Recker, J. (2024). Performance Implications of Digital Disruption in Strategic Competition. *MIS Q.*, 48, 1263–1278. <https://doi.org/10.25300/misq/2024/17999>
39. Tresch, R. (2015). The Problem of Externalities—An Overview. 79–82. <https://doi.org/10.1016/B978-0-12-415834-4.00005-4>
40. Van Beveren, I. (2012). Total factor productivity estimation: A practical review. *Journal of Economic Surveys*, 26(1), 98–128.
41. Vlaev, I., King, D., Darzi, A., & Dolan, P. (2019). Changing health behaviors using financial incentives: A review from behavioral economics. *BMC Public Health*, 19. <https://doi.org/10.1186/s12889-019-7407-8>
42. Wallis, J., Dollery, B., Wallis, J., & Dollery, B. (1999). *Market failure and government intervention*. Springer.
43. Yun-hong, H. (2001). Thoughts on Rational Allocation of Resources. *Journal of Shanxi Finance and Economics University*.

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