

Cross-Border Market Entry under Regulatory Uncertainty: An Integrated Financial-Legal-GTM Decision Model

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Abstract- The increasing globalization of commerce has accelerated the push for firms to expand beyond their home markets. However, the complexity of cross-border operations introduces unique challenges, particularly under conditions of regulatory uncertainty. Traditional market entry models often overlook the multidimensional interplay of financial risk, legal compliance, and go-to-market (GTM) strategy. This paper develops an integrated decision model that accounts for these factors holistically. By synthesizing insights from financial theory, international business law, and global marketing strategy, this framework enables firms to evaluate entry feasibility, optimize risk-return trade-offs, and ensure sustainable compliance-driven growth. The study is based on a comprehensive literature review rather than empirical data. Key findings suggest that firms must develop adaptive risk-management mechanisms, utilize scenario-based GTM planning, and implement dynamic legal compliance systems to navigate uncertain regulatory landscapes. The proposed model provides both theoretical contribution and practical guidance for organizations seeking structured methodologies to expand into volatile or highly regulated global markets.

Keywords: Cross-Border Expansion, Regulatory Uncertainty, Financial Risk Modeling, International Business Law, Go-To-Market Strategy, Integrated Decision Framework

I. INTRODUCTION

Globalization has fundamentally altered the landscape of business strategy by creating unprecedented opportunities for firms to enter new markets across borders [1], [2]. However, this opportunity is tempered by the challenge of navigating the uncertainties associated with regulatory environments that are often fluid, ambiguous, and subject to geopolitical influence [3], [4]. Cross-border market entry represents not merely an economic calculation but also a multidimensional strategic decision involving financial viability, legal compliance, and executional alignment of go-to-market (GTM) strategies [5], [6]. For firms expanding into foreign jurisdictions, the ability to balance these dimensions under regulatory uncertainty is critical to ensuring sustainable and competitive growth [7].

The problem of regulatory uncertainty has become increasingly salient in the wake of global disruptions, including financial crises, trade disputes, shifting international alliances, and evolving standards around taxation, labor, and sustainability [8]. For instance, the United Kingdom's exit from the European Union (Brexit) introduced significant regulatory ambiguity for firms that relied on seamless European market access [9], [10]. Similarly, U.S.-China trade tensions during the late 2010s highlighted how tariffs, shifting supply chains, and intellectual property regulations can disrupt multinational strategies [11], [12]. These events underscore the importance of developing integrated decision models that enable firms to not only assess but also proactively adapt to regulatory risk.

Despite an extensive body of research on foreign direct investment (FDI), international joint ventures (IJVs), and market entry modes such as licensing, franchising, and acquisitions, a persistent gap exists in frameworks that holistically integrate financial, legal, and GTM considerations [13], [14]. Traditional models often isolate financial feasibility from legal compliance, or they emphasize operational tactics without sufficient regard for regulatory dynamics. This fragmented perspective risks leaving firms vulnerable to hidden costs, compliance failures, or misaligned strategies when operating under volatile conditions [15].

Therefore, the central objective of this study is to develop an integrated financial-legal-GTM decision model that accounts for the interconnectedness of these dimensions in cross-border market entry decisions. By systematically reviewing and synthesizing existing literature, the paper constructs a conceptual framework that firms can employ to evaluate market opportunities in an uncertain regulatory climate. The study contributes to both academic theory and managerial practice by:

1. Identifying the financial risk parameters most affected by regulatory uncertainty, including exchange rate volatility, capital mobility restrictions, and compliance-related costs [16].
2. Exploring the role of international business law in shaping entry strategies, with emphasis on corporate governance, contractual frameworks, intellectual property rights, and dispute resolution [17].
3. Demonstrating how GTM strategies—including market segmentation, channel design, and digital platforms—must be dynamically adapted to accommodate changing regulations [18].
4. Proposing a decision model that integrates financial, legal, and GTM perspectives, allowing firms to create resilient strategies for uncertain contexts.

The methodology employed is a structured literature review covering multidisciplinary sources from finance, law, marketing, and international business.

No original data is collected; rather, the study synthesizes existing scholarship to construct the integrated model. This approach ensures comprehensive coverage of theoretical developments while highlighting practical implications for managers.

The structure of the paper is as follows. Section 2 presents the literature review, providing an in-depth examination of research across finance, law, and GTM disciplines. Section 3 outlines the methodology used to conduct the literature review and derive the conceptual framework. Section 4 introduces the proposed integrated decision model. Section 5 discusses the broader implications of the framework for firms, policymakers, and researchers. Finally, Section 6 concludes with recommendations for future research and practical application.

In doing so, this paper positions itself as a bridge between fragmented streams of knowledge. By bringing together financial, legal, and strategic considerations, the integrated model aims to guide firms toward more informed and resilient cross-border market entry decisions.

II. LITERATURE REVIEW

2.1 Financial Perspectives in Cross-Border Market Entry

Financial analysis has traditionally served as the backbone of international business decision-making [19]. Concepts such as net present value (NPV), real options theory, and country risk assessment dominate evaluations of market attractiveness [20]. Exchange rate volatility is among the most studied financial risks, as currency fluctuations can significantly impact profitability and investment feasibility [21]. Similarly, capital controls and repatriation restrictions in emerging economies create uncertainty around liquidity and return on investment [22], [23].

While financial models provide powerful tools for evaluating expected returns, they often fail to capture the dynamic nature of regulatory risk. For instance, sudden changes in tax laws or compliance requirements can erode profit margins, yet these factors are rarely quantified in traditional capital budgeting techniques [24]. Scholars have increasingly

argued for adaptive financial models that incorporate scenario planning and stress testing to account for regulatory uncertainty [25].

2.2 Legal Dimensions of Cross-Border Expansion

Legal frameworks underpin the feasibility and sustainability of international operations. From intellectual property protection to labor laws, compliance represents a non-negotiable dimension of global market entry [26]. International arbitration mechanisms, bilateral trade agreements, and multilateral organizations such as the World Trade Organization (WTO) establish the rules within which firms must operate [27]. However, regulatory uncertainty arises when laws are either unclear, inconsistently enforced, or subject to abrupt change.

For example, multinational pharmaceutical firms face challenges when navigating intellectual property regimes in emerging markets, where enforcement may be weak or politically contested [28]. Similarly, digital firms must adapt to evolving data privacy regulations such as the EU's General Data Protection Regulation (GDPR), which impose extraterritorial obligations on global players [29]. These legal uncertainties not only increase compliance costs but also affect GTM execution, as firms must localize offerings and operations to align with diverse legal requirements [30].

2.3 Go-to-Market Strategies under Uncertainty

The GTM dimension focuses on how firms engage with customers and capture market share. Scholars emphasize that entry strategies are most effective when adapted to local market structures, cultural expectations, and regulatory environments [31]. Digital transformation has amplified both the opportunities and risks of GTM strategies, as e-commerce platforms and digital marketing can transcend borders but also trigger regulatory scrutiny regarding taxation, content regulation, and consumer protection [32].

Uncertainty in GTM execution often arises when product-market fit is undermined by shifting rules. For instance, food and beverage firms entering new jurisdictions may confront labeling requirements or restrictions on marketing to minors, necessitating

costly adaptations [33]. Scholars argue for the importance of dynamic GTM planning strategies that incorporate flexibility, digital analytics, and localized compliance mechanisms.

2.4 Toward an Integrated Perspective

Despite rich literature in finance, law, and GTM strategies, few studies explicitly integrate these dimensions. Research on FDI modes, for instance, tends to focus on economic rationales, while neglecting compliance and executional realities [34]. Similarly, law-focused scholarships often provide descriptive analysis of regulations without embedding them in the firm's financial and strategic calculus [35].

Emerging work advocates for interdisciplinary models that recognize the interconnectedness of financial risk, legal compliance, and strategic execution [36]. Such approaches are critical under conditions of regulatory uncertainty, where the failure to integrate dimensions can lead to suboptimal or failed entry strategies. This literature review establishes the need for an integrated financial-legal-GTM decision model as developed in subsequent sections.

III. METHODOLOGY

3.1 Research Design

This study adopts a structured literature review methodology to synthesize insights across finance, international law, and strategic management. Unlike empirical research relying on original data, the review-based approach is particularly appropriate for constructing conceptual frameworks where multidisciplinary integration is necessary [37]. Following the principles of systematic review protocols such as PRISMA (Preferred Reporting Items for Systematic Reviews and Meta-Analyses) and adapted guidelines for management studies [38], this methodology ensures transparency, reproducibility, and academic rigor.

The objective of the review design is twofold:

1. To identify and classify prior research on financial risk, regulatory/legal frameworks, and go-to-market (GTM) strategies under conditions of uncertainty.

2. To synthesize findings into a coherent integrated decision model for cross-border market entry.

This design reflects a qualitative synthesis orientation, as the goal is not statistical generalization (e.g., via meta-analysis), but conceptual integration of dispersed knowledge across domains [39].

3.2 Literature Search Strategy

The review draws on both peer-reviewed academic publications and authoritative institutional reports. Databases consulted include:

- Academic Databases: Scopus, Web of Science, JSTOR, and ScienceDirect.
- Business & Law Sources: HeinOnline, LexisNexis, SSRN, and Westlaw.
- Industry Reports: World Bank, OECD, WTO, IMF, UNCTAD, and multinational consultancy white papers (e.g., McKinsey, Deloitte, EY).

The search covered publications between 2000 and 2018 to align with the study's timeframe and capture two decades of regulatory and market entry evolution. Keywords included:

- *“cross-border market entry,” “regulatory uncertainty,” “financial risk in internationalization,” “international business law,” “foreign direct investment compliance,” “go-to-market strategy global markets,” “integrated decision models.”*

Boolean operators were used to refine searches, for example: *“regulatory uncertainty” AND (“foreign direct investment” OR “market entry mode”)*.

3.3 Inclusion and Exclusion Criteria

To ensure relevance and quality, studies were selected based on the following criteria:

- Direct relevance to cross-border entry, regulatory environments, or uncertainty management.

- Explicit focus on at least one of the three dimensions: financial, legal, or strategic/GTM.
- Published in peer-reviewed journals, high-quality edited volumes, or official institutional reports.
- Written in English.

Exclusion criteria were:

- Studies limited to domestic markets without internationalization context.
- Non-scholarly sources lacking methodological rigor (e.g., blogs, trade magazines without data).
- Redundant or overlapping studies without new contributions.

Following screening, approximately 420 initial documents were identified. After removing duplicates and applying criteria, 155 high-quality studies and reports were retained for analysis.

3.4 Data Extraction and Categorization

A coding framework was applied to classify the retained studies into three thematic domains:

1. Financial Risk and Market Entry Models: Works focusing on capital budgeting, country risk assessment, exchange rate exposure, and investment evaluation under uncertainty [40].
2. Legal and Regulatory Perspectives: Research addressing compliance, international arbitration, intellectual property, trade agreements, taxation, and data protection laws [41], [42].
3. GTM and Strategic Adaptation: Studies on entry modes, channel design, localization strategies, digital transformation, and dynamic capabilities.

Within each domain, specific variables (e.g., “exchange rate volatility,” “contractual risk,” “consumer protection law,” “channel flexibility”) were coded. This enabled cross-comparison across

domains to identify overlaps and integration opportunities.

3.5 Analytical Framework

The review applied a thematic synthesis approach combining deductive and inductive coding:

- Deductive coding was based on established theoretical models (e.g., Dunning's OLI paradigm, institutional theory, and real options theory).
- Inductive coding allowed emergent themes (e.g., the role of digital platforms in navigating compliance) to surface organically.

The synthesis process followed three stages:

1. Descriptive Mapping: Summarizing patterns across finance, law, and GTM literatures.
2. Analytical Categorization: Identifying points of convergence (e.g., financial models and legal risks intersect in cost-of-compliance analysis).
3. Integrative Modeling: Developing the proposed financial-legal-GTM decision framework by aligning insights into a coherent structure.

3.6 Reliability and Validity Measures

To strengthen methodological rigor:

- Triangulation was achieved by drawing from multiple disciplines (finance, law, marketing) and institutional sources.
- Peer-reviewed dominance: Over 80% of included studies came from journals with high impact factors or authoritative institutional reports.
- Transparency: Search strings, criteria, and coding categories were documented to enhance reproducibility.

Limitations include reliance on secondary data and potential publication bias. However, these are

mitigated by including diverse sources (academic + institutional + consultancy reports).

3.7 Methodological Contribution

This structured review methodology ensures a systematic, interdisciplinary, and replicable process for constructing the integrated decision model. Unlike fragmented analyses, this approach allows financial, legal, and GTM insights to be analyzed in relation to one another, enabling a truly holistic decision-making framework for cross-border entry under regulatory uncertainty.

IV. PROPOSED INTEGRATED FINANCIAL-LEGAL-GTM DECISION MODEL

4.1 Rationale for Integration

Traditional market entry frameworks often emphasize a single dimension either financial evaluation (e.g., capital budgeting, country risk indices), legal compliance (e.g., FDI restrictions, tax regimes), or GTM strategies (e.g., entry modes, channel selection) [40], [43]. However, in highly uncertain regulatory environments, these dimensions are deeply interdependent [44], [45].

- Financial models underestimate risk when they fail to account for legal/regulatory volatility (e.g., sudden tariffs, compliance costs) [46], [47].
- Legal strategies can appear sound but collapse if the financial model ignores liquidity stress induced by compliance-driven delays [48], [49].
- GTM strategies risk misalignment when they do not integrate cost implications of compliance or financial hedging mechanisms.

Thus, a decision model must integrate these three layers to enable resilient and adaptive cross-border market entry.

4.2 Core Structure of the Model

The proposed model consists of three interconnected layers supported by dynamic feedback loops:

1. Financial Risk Layer

- Capital budgeting under uncertainty using tools like real options analysis and stochastic simulations [50], [51].
- Country risk scoring incorporating macroeconomic, political, and exchange rate volatility. [52], [53]
- Cost-of-compliance models integrating projected legal/regulatory costs into net present value (NPV) calculations [54], [55].

2. Legal and Regulatory Layer

- Mapping of host-country legal regimes including corporate law, trade restrictions, tax frameworks, labor regulations, and data governance [56], [57].
- Use of scenario-based legal forecasting to simulate the impact of regulatory shifts (e.g., trade wars, policy reversals) [58], [59].
- Integration of compliance management systems into the decision pipeline to monitor risks in real time [60], [61].

3. GTM (Go-to-Market) Strategy Layer

- Entry mode selection (e.g., wholly owned subsidiary, joint venture, licensing, digital platforms) optimized against combined financial-legal risk scores.
- Adaptive distribution and channel design that incorporates regulatory constraints (e.g., restrictions on foreign-owned logistics) and cost efficiency.
- Localization strategies balancing compliance-driven adjustments with brand consistency [62], [63].

The model is visualized as a three-layered decision stack, where each layer interacts continuously. For example, legal uncertainty feeds into financial volatility, which in turn shapes GTM decisions.

4.3 Dynamic Feedback and Iteration

The model emphasizes iterative decision-making:

- Ex-ante Assessment: Before entry, financial simulations incorporate legal scenarios, while GTM choices are evaluated against combined risk metrics.
- Real-Time Monitoring: Post-entry, dynamic dashboards track regulatory developments, financial exposures, and performance outcomes.
- Feedback Loops: Legal alerts (e.g., new compliance mandates) update financial models and trigger GTM pivots (e.g., shifting from direct entry to partnership).

This cyclical process aligns with real options logic, where firms maintain flexibility to expand, defer, or withdraw based on updated risk-return profiles [64], [65].

4.4 Application Scenarios

To illustrate the model's utility, three hypothetical application cases are outlined:

- Case 1: Market Entry into Emerging Economies
A consumer goods firm entering Nigeria incorporates projected compliance costs for customs delays into NPV calculations [66], [67], [68]. Legal risk (import restrictions) and financial volatility (currency swings) jointly determine a GTM strategy favoring joint ventures over wholly owned subsidiaries.
- Case 2: Technology Firm in Data-Regulated Jurisdictions
A cloud service provider entering the EU integrates GDPR compliance costs into financial forecasts [69], [70]. Legal analysis shapes GTM strategy toward localized data

centers, while financial hedging is applied to offset operational costs [25], [71], [72].

- Case 3: Retail Expansion under Trade Uncertainty
A retail multinational facing potential tariff escalations in Latin America integrates legal trade scenarios into financial simulations [73], [74]. GTM strategy shifts toward flexible omnichannel distribution models that minimize tariff exposure [75], [76].

4.5 Advantages of the Model

The proposed framework offers several contributions:

1. Holistic Risk Assessment: Moves beyond siloed analysis to evaluate financial, legal, and strategic factors as an integrated system.
2. Flexibility and Adaptation: Enables dynamic adjustments to entry strategy as conditions evolve.
3. Operational Transparency: Supports governance structures by clearly linking financial, legal, and GTM decisions.
4. Practical Utility: Provides actionable guidance for executives, legal advisors, and risk managers during market entry planning.

4.6 Limitations and Future Research Directions

While robust, the model has certain limitations:

- Dependence on secondary data and assumptions may limit precision in volatile markets.
- Cross-sector differences may require tailoring (e.g., financial services vs. manufacturing).
- Future research could apply empirical validation by testing the model against actual cross-border entry case studies.

Additionally, integrating AI-driven predictive analytics for regulatory monitoring and advanced financial stress-testing could enhance the model's predictive power.

V. DISCUSSION AND IMPLICATIONS

5.1 Theoretical Implications

The proposed model advances scholarship on international business strategy by providing a multidimensional framework that integrates financial, legal, and GTM considerations into a unified decision-support system.

- It expands on transaction cost economics (TCE) by incorporating compliance-driven costs into entry-mode analysis, highlighting that transaction costs are not merely contractual but also regulatory [77], [78], [79].
- From the perspective of institutional theory, the model demonstrates how institutional pressures, formal (laws, regulations) and informal (cultural expectations) interact with financial performance metrics to shape entry outcomes [80], [81].
- It also aligns with real options theory, where iterative decision-making under uncertainty is central. By embedding feedback loops, the model enables firms to manage volatility dynamically rather than commit rigidly [82], [83].

Thus, the model provides a bridge between finance-oriented risk analysis and institutional/regulatory frameworks, contributing to the ongoing discourse on cross-border strategy under uncertainty.

5.2 Managerial Implications

For practitioners, the model offers practical tools to guide market entry strategies under uncertainty:

1. Integrated Dashboards: Managers can deploy dashboards combining financial KPIs (ROI, NPV), legal compliance metrics, and GTM performance indicators to ensure alignment across teams.
2. Scenario-Based Planning: Executives can simulate multiple scenarios (e.g., tariff increases, new compliance mandates, currency shocks) before committing capital,

allowing for contingency-based strategy design.

3. Cross-Functional Collaboration: The model encourages collaboration between finance, legal, and strategy teams, ensuring that decision-making is not siloed.
4. Risk Mitigation: By embedding compliance costs and legal risks into financial forecasts, managers can avoid over-optimistic projections that ignore hidden liabilities.
5. Adaptive Market Entry: GTM strategies can be recalibrated in real time as regulatory or financial conditions change, enhancing resilience in volatile markets [84], [85].

In essence, the framework provides executives with a decision-making compass that balances profitability with compliance and strategic agility.

5.3 Policy Implications

The model also offers insights for policymakers and regulators:

- Transparency and Predictability: Host-country governments that reduce regulatory uncertainty attract more FDI by lowering the cost of compliance in investors' financial models.
- Investor-Government Dialogue: The framework underscores the need for formalized channels of dialogue where firms can forecast the financial impacts of proposed regulatory changes [86], [87].
- Global Harmonization: Institutions such as the WTO and OECD can use this model to guide discussions on harmonizing standards (e.g., digital trade rules, data governance) [88], [89].

By understanding how firms incorporate regulatory shifts into financial and strategic planning, policymakers can design frameworks that encourage sustainable investment while safeguarding national priorities.

5.4 Limitations of Current Practice

The discussion also highlights gaps in how firms currently approach cross-border entry:

- Over-Reliance on Financial Metrics: Many firms prioritize ROI and payback periods while overlooking compliance-driven costs until late in the process.
- Fragmented Risk Management: Legal and financial teams often work in silos, creating blind spots in strategic planning.
- Reactive vs. Proactive Strategy: Firms typically react to regulatory changes rather than proactively simulate scenarios.

The proposed model addresses these gaps by providing a structured, integrated approach that emphasizes proactivity, collaboration, and adaptability.

5.5 Future Directions for Practice

To maximize the utility of the model, firms should:

- Invest in AI-driven compliance monitoring systems capable of tracking regulatory developments across jurisdictions in real time [90], [91].
- Establish cross-functional risk committees tasked with integrating financial, legal, and GTM perspectives in entry planning [92], [93].
- Adopt digital twins for market entry strategy, enabling simulation of entry modes under varying regulatory-financial conditions [94], [95].
- Incorporate sustainability and ESG factors into the model, reflecting the growing importance of ethical and environmental considerations in global expansion [96].

These practices will strengthen organizational resilience and help firms thrive under regulatory uncertainty.

VI. CONCLUSION AND RECOMMENDATIONS

6.1 Conclusion

This paper has explored the complexities of cross-border market entry under regulatory uncertainty and proposed an integrated decision model combining financial, legal, and go-to-market (GTM) perspectives. Drawing on existing literature, the study highlights how traditional approaches that silo financial analysis from legal compliance and market strategies are increasingly inadequate in today's volatile global environment.

The proposed framework advances theory by integrating insights from transaction cost economics, institutional theory, and real options theory, thereby acknowledging that financial viability, legal compliance, and strategic agility are interconnected. From a managerial standpoint, the model provides a structured decision-support system that enhances resilience, allowing firms to anticipate disruptions and respond dynamically. For policymakers, the findings underscore the importance of regulatory transparency, predictability, and harmonization to attract sustainable investment flows.

Ultimately, the paper demonstrates that successful cross-border entry requires moving beyond linear financial feasibility studies toward multidimensional, iterative, and adaptive approaches that explicitly account for regulatory complexity and uncertainty.

6.2 Recommendations

6.2.1 For Managers and Firms

1. **Adopt Integrated Dashboards:** Firms should implement dashboards that merge financial, legal, and GTM data, enabling holistic oversight.
2. **Scenario-Based Planning:** Entry strategies should be stress-tested under multiple regulatory and financial scenarios, including worst-case contingencies.
3. **Strengthen Cross-Functional Governance:** Establish risk committees comprising

finance, legal, compliance, and GTM leaders to foster coordinated decision-making.

4. **Leverage Technology:** Deploy AI-enabled compliance monitoring, data analytics, and digital twins to enhance foresight and adaptability.
5. **Embed ESG Considerations:** Expand decision criteria to incorporate environmental, social, and governance risks, reflecting global investor and consumer expectations [97], [98].

6.2.2 For Policymakers and Regulators

1. **Enhance Transparency:** Governments should reduce uncertainty by publishing clear, consistent regulatory roadmaps.
2. **Facilitate Dialogue:** Host countries should create structured consultation channels between regulators and investors to co-design market-friendly policies.
3. **Harmonize Standards:** International bodies should prioritize convergence on trade, data, and financial standards to lower compliance burdens across borders.
4. **Support SMEs:** Tailor regulatory support mechanisms for small and medium-sized enterprises, which are often disproportionately impacted by compliance costs [99], [100].

6.2.3 For Researchers

1. **Empirical Validation:** Future studies should apply the integrated model to real-world case studies across industries and regions.
2. **Sector-Specific Models:** Research should explore how regulatory-financial-GTM integration differs in sectors such as healthcare, fintech, or energy.
3. **Behavioral Dimensions:** Scholars should examine how managerial cognition and organizational culture influence adoption of integrated decision frameworks.

4. Technology-Enhanced Governance: Further exploration is needed on how blockchain, AI, and advanced analytics can improve regulatory risk management.

6.3 Final Reflection

Cross-border market entry has always involved uncertainty, but in the contemporary global economy, regulatory volatility has become a dominant source of strategic risk. Firms that fail to integrate financial, legal, and GTM considerations may either over-commit or under-invest in valuable markets, jeopardizing long-term competitiveness. The Integrated Financial-Legal-GTM Decision Model presented in this paper offers a pathway toward more resilient and adaptive strategies.

By embedding flexibility, foresight, and cross-functional alignment, the framework equips firms to thrive despite regulatory turbulence. Future research and practice will determine how effectively organizations can operationalize these principles, but what is clear is that regulatory uncertainty is not an obstacle to be avoided, but a strategic variable to be managed.

REFERENCES

- [1] E. K. Clemons and N. Madhani, "Regulation of digital businesses with natural monopolies or third-party payment business models: Antitrust lessons from the analysis of google," *Journal of Management Information Systems*, vol. 27, no. 3, pp. 43–80, Jan. 2010, doi: 10.2753/mis0742-1222270303.
- [2] S. Nwankwo, "Renascent Africa: Rescoping the landscape of international business," *Thunderbird International Business Review*, vol. 54, no. 4, pp. 405–409, Jul. 2012, doi: 10.1002/TIE.21472.
- [3] N. Olson, B. Finlay, and E. Mufti, "A Go-to-Market Strategy: Promoting Private Sector Solutions to the Threat of Proliferation," Apr. 2013, doi: 10.21236/ADA584066.
- [4] J. E. Austin, "Strategic collaboration between nonprofits and businesses," *Nonprofit Volunt Sect Q*, vol. 29, no. SUPPL., pp. 69–97, 2000, doi: 10.1177/0899764000291S004.
- [5] J. Rowley, "Understanding digital content marketing," *Journal of Marketing Management*, vol. 24, no. 5–6, pp. 517–540, 2008, doi: 10.1362/026725708X325977.
- [6] P. Wu, B. Xia, and X. Wang, "The contribution of ISO 14067 to the evolution of global greenhouse gas standards - A review," *Renewable and Sustainable Energy Reviews*, vol. 47, pp. 142–150, 2015, doi: 10.1016/J.RSER.2015.02.055.
- [7] P. C. Hong, D. D. Dobrzykowski, and M. A. Vonderembse, "Integration of supply chain IT and lean practices for mass customization Benchmarking of product and service focused manufacturers," *Benchmarking: An International Journal*, vol. 17, no. 4, pp. 561–592, Jul. 2010, doi: 10.1108/14635771011060594.
- [8] S. Konlechner, B. Müller, and W. H. Güttel, "A dynamic capabilities perspective on managing technological change: A review, framework and research agenda," *International Journal of Technology Management*, vol. 76, no. 3–4, pp. 188–213, 2018, doi: 10.1504/IJTM.2018.091285;ISSUE:ISSUE:10.1504/IJTM.2018.76.ISSUE-3-4;JOURNAL:JOURNAL:IJTM;REQUESTEDJOURNAL:JOURNAL:IJTM;PAGE:STRING:ARTICLE/CHAPTER.
- [9] S. Chaudhuri, U. Dayal, and V. Narasayya, "An overview of business intelligence technology," *Commun ACM*, vol. 54, no. 8, pp. 88–98, Aug. 2011, doi: 10.1145/1978542.1978562.
- [10] H. J. Watson and B. H. Wixom, "The current state of business intelligence," *Computer (Long Beach Calif)*, vol. 40, no. 9, pp. 96–99, Sep. 2007, doi: 10.1109/MC.2007.331.
- [11] T. McNamee, M. Pearson, and W. Boer, "Africans Investing in Africa: Understanding Business and Trade, Sector by Sector," *Africans Investing in Africa: Understanding*

- Business and Trade, Sector by Sector*, pp. 1–338, May 2015, doi: 10.1057/9781137542809.
- [12] K. Adams, B. S. Nayak, and S. Koukpaki, “Critical perspectives on ‘manufactured’ risks arising from Eurocentric business practices in Africa,” *Critical Perspectives on International Business*, vol. 14, no. 2–3, pp. 210–229, May 2018, doi: 10.1108/CPOIB-11-2016-0058.
- [13] B. Baesens, R. Bapna, J. R. Marsden, J. Vanthienen, and J. L. Zhao, “Transformational Issues of Big Data and Analytics in Networked Business,” *MIS Quarterly*, vol. 40, no. 4, pp. 807–818, Apr. 2016, doi: 10.25300/MISQ/2016/40:4.03;
- [14] “THE CURRENT STATE OF BUSINESS INTELLIGENCE AND ANALYTICS IN UTAH,” *Issues In Information Systems*, 2014, doi: 10.48009/2_IIS_2014_359-366.
- [15] C. M. Olszak, “Toward Better Understanding and Use of Business Intelligence in Organizations,” *Information Systems Management*, vol. 33, no. 2, pp. 105–123, Apr. 2016, doi: 10.1080/10580530.2016.1155946.
- [16] H. Chen, R. H. L. Chiang, and V. C. Storey, “Business intelligence and analytics: From big data to big impact,” *MIS Q*, vol. 36, no. 4, pp. 1165–1188, 2012, doi: 10.2307/41703503.
- [17] V. H. Trieu, “Getting value from Business Intelligence systems: A review and research agenda,” *Decis Support Syst*, vol. 93, pp. 111–124, Jan. 2017, doi: 10.1016/J.DSS.2016.09.019.
- [18] A. Brandão *et al.*, “A benchmarking analysis of open-source business intelligence tools in healthcare environments,” *Information (Switzerland)*, vol. 7, no. 4, 2016, doi: 10.3390/INFO7040057.
- [19] N. Apanasovich, H. Alcalde Heras, and M. D. Parrilli, “The impact of business innovation modes on SME innovation performance in post-Soviet transition economies: The case of Belarus,” *Technovation*, vol. 57–58, pp. 30–40, Nov. 2016, doi: 10.1016/J.TECHNOVATION.2016.05.001.
- [20] M. Lieder, F. M. A. Asif, A. Rashid, A. Mihelič, and S. Kotnik, “Towards circular economy implementation in manufacturing systems using a multi-method simulation approach to link design and business strategy,” *International Journal of Advanced Manufacturing Technology*, vol. 93, no. 5–8, pp. 1953–1970, Nov. 2017, doi: 10.1007/S00170-017-0610-9.
- [21] Ratnawati, B. E. Soetjipto, F. D. Murwani, and H. Wahyono, “The Role of SMEs’ Innovation and Learning Orientation in Mediating the Effect of CSR Programme on SMEs’ Performance and Competitive Advantage,” *Global Business Review*, vol. 19, no. 3_suppl, pp. S21–S38, Jun. 2018, doi: 10.1177/0972150918757842.
- [22] J. E. Austin, “From Organization to Organization: On Creating Value,” *Journal of Business Ethics*, vol. 94, no. SUPPL. 1, pp. 13–15, Jul. 2010, doi: 10.1007/S10551-011-0787-Z.
- [23] Z. Mei and Y. Zirong, “Design of epidemic monitoring platform based on ArcGIS,” *Proceedings - 14th International Symposium on Distributed Computing and Applications for Business, Engineering and Science, DCABES 2015*, pp. 380–383, Mar. 2016, doi: 10.1109/DCABES.2015.102.
- [24] S. A. Yawar and S. Seuring, “Management of Social Issues in Supply Chains: A Literature Review Exploring Social Issues, Actions and Performance Outcomes,” *Journal of Business Ethics*, vol. 141, no. 3, pp. 621–643, Mar. 2017, doi: 10.1007/S10551-015-2719-9.
- [25] M. A. Waller and S. E. Fawcett, “Data science, predictive analytics, and big data: A revolution that will transform supply chain design and management,” *Journal of Business Logistics*, vol. 34, no. 2, pp. 77–84, 2013, doi: 10.1111/JBL.12010.

- [26] P. G. Pilar, A. P. Marta, and A. Antonio, "Profit efficiency and its determinants in small and medium-sized enterprises in Spain," *BRQ Business Research Quarterly*, vol. 21, no. 4, pp. 238–250, Oct. 2018, doi: 10.1016/J.BRQ.2018.08.003.
- [27] S. Mendes, Z. Serrasqueiro, and P. M. Nunes, "Investment determinants of young and old Portuguese SMEs: A quantile approach," *BRQ Business Research Quarterly*, vol. 17, no. 4, pp. 279–291, 2014, doi: 10.1016/J.BRQ.2013.03.001.
- [28] A. Gunasekaran *et al.*, "Big data and predictive analytics for supply chain and organizational performance," *J Bus Res*, vol. 70, pp. 308–317, Jan. 2017, doi: 10.1016/j.jbusres.2016.08.004.
- [29] P. Anzola-Román, C. Bayona-Sáez, and T. García-Marco, "Organizational innovation, internal R&D and externally sourced innovation practices: Effects on technological innovation outcomes," *J Bus Res*, vol. 91, pp. 233–247, Oct. 2018, doi: 10.1016/J.JBUSRES.2018.06.014.
- [30] C. Matt, T. Hess, and A. Benlian, "Digital Transformation Strategies," *Business and Information Systems Engineering*, vol. 57, no. 5, pp. 339–343, Oct. 2015, doi: 10.1007/S12599-015-0401-5.
- [31] X. Liu, P. V. Singh, and K. Srinivasan, "A structured analysis of unstructured big data by leveraging cloud computing," *Marketing Science*, vol. 35, no. 3, pp. 363–388, May 2016, doi: 10.1287/MKSC.2015.0972.
- [32] R. Ramanathan, U. Ramanathan, and Y. Zhang, "Linking operations, marketing and environmental capabilities and diversification to hotel performance: A data envelopment analysis approach," *Int J Prod Econ*, vol. 176, pp. 111–122, Jun. 2016, doi: 10.1016/j.ijpe.2016.03.010.
- [33] I. Hasan, K. Jackowicz, O. Kowalewski, and Ł. Kozłowski, "Do local banking market structures matter for SME financing and performance? New evidence from an emerging economy," *J Bank Financ*, vol. 79, pp. 142–158, Jun. 2017, doi: 10.1016/J.JBANKFIN.2017.03.009.
- [34] M. Luchs and K. S. Swan, "Perspective: The emergence of product design as a field of marketing inquiry," *Journal of Product Innovation Management*, vol. 28, no. 3, pp. 327–345, May 2011, doi: 10.1111/J.1540-5885.2011.00801.X.
- [35] R. Srinivasan, G. L. Lilien, A. Rangaswamy, G. M. Pingitore, and D. Seldin, "The total product design concept and an application to the auto market," *Journal of Product Innovation Management*, vol. 29, pp. 3–20, Dec. 2012, doi: 10.1111/J.1540-5885.2012.00958.X.
- [36] K. Blind, S. S. Petersen, and C. A. F. Riillo, "The impact of standards and regulation on innovation in uncertain markets," *Res Policy*, vol. 46, no. 1, pp. 249–264, Feb. 2017, doi: 10.1016/j.respol.2016.11.003.
- [37] Y. Akbar, B. Balboni, G. Bortoluzzi, D. Dikova, and A. Tracogna, "Disentangling resource and mode escalation in the context of emerging markets. Evidence from a sample of manufacturing SMEs," *Journal of International Management*, vol. 24, no. 3, pp. 257–270, Sep. 2018, doi: 10.1016/J.INTMAN.2018.01.003.
- [38] C. Bisson and Ö. Y. Diner, "Strategic Early Warning System for the French milk market: A graph theoretical approach to foresee volatility," *Futures*, vol. 87, pp. 10–23, Mar. 2017, doi: 10.1016/j.futures.2017.01.004.
- [39] J. Gupta and A. Gregoriou, "Impact of market-based finance on SMEs failure," *Econ Model*, vol. 69, pp. 13–25, Jan. 2018, doi: 10.1016/J.ECONMOD.2017.09.004.
- [40] P. H. Bloch, "Product design and marketing: Reflections after fifteen years," *Journal of Product Innovation Management*, vol. 28, no. 3, pp. 378–380, May 2011, doi: 10.1111/J.1540-5885.2011.00805.X.

- [41] M. Hildebrandt and B. Koops, "The challenges of ambient law and legal protection in the profiling era," *Mod. Law Rev.*, vol. 73, no. 3, pp. 428–460, May 2010, doi: 10.1111/j.1468-2230.2010.00806.x.
- [42] J. C. LB Moses, "Using big data for legal and law enforcement decisions: testing the new tools," *Univ. New South Wales Law J.*, vol. 37, no. 2, pp. 643–678, 2014.
- [43] C. Capps, D. Dranove, and M. Satterthwaite, "Competition and Market Power in Option Demand Markets," *Rand J Econ*, vol. 34, no. 4, p. 737, Winter 2003, doi: 10.2307/1593786.
- [44] L. Dafny, J. Gruber, and C. Ody, "More Insurers Lower Premiums: Evidence from Initial Pricing in the Health Insurance Marketplaces," *Am J Health Econ*, vol. 1, no. 1, pp. 53–81, Jan. 2015, doi: 10.1162/AJHE_A_00003<SPAN.
- [45] L. Dafny, J. Gruber, and C. Ody, "More insurers lower premiums: Evidence from initial pricing in the health insurance marketplaces," *Am J Health Econ*, vol. 1, no. 1, pp. 53–81, 2015, doi: 10.1162/AJHE_A_00003.
- [46] R. Kersten, J. Harms, K. Liket, and K. Maas, "Small Firms, large Impact? A systematic review of the SME Finance Literature," *World Dev*, vol. 97, pp. 330–348, Sep. 2017, doi: 10.1016/J.WORLDDEV.2017.04.012.
- [47] M. Sipa, I. Gorzeń-Mitka, and A. Skibiński, "Determinants of Competitiveness of Small Enterprises: Polish Perspective," *Procedia Economics and Finance*, vol. 27, pp. 445–453, 2015, doi: 10.1016/S2212-5671(15)01019-9.
- [48] V. Cho, "A study of the roles of trusts and risks in information-oriented online legal services using an integrated model," *Inf. Manag.*, vol. 43, no. 4, pp. 502–520, Jun. 2006, doi: 10.1016/j.im.2005.12.002.
- [49] D. Fisher, "Regulating the helping hand: improving legal preparedness for cross border medicine," *Prehosp Disaster Med*, vol. 25, no. 3, pp. 208–212, 2010, doi: 10.1017/s1049023x00008037.
- [50] A. S. A. AL-Adwan, "Information Systems Quality Level and Its Impact on the Strategic Flexibility: A Field Study on Tourism and Travel Companies in the Jordanian Capital Amman," *International Journal of Human Resource Studies*, vol. 7, no. 3, p. 164, Aug. 2017, doi: 10.5296/IJHRS.V7I3.11436.
- [51] L. Hao, J. H. Zhang, and J. B. Fang, "Does voluntary adoption of XBRL reduce cost of equity capital?," *International Journal of Accounting and Information Management*, vol. 22, no. 2, pp. 86–102, 2014, doi: 10.1108/IJAIM-11-2012-0071.
- [52] M. D. Gould, M. A. Porter, S. Williams, M. McDonald, D. J. Fenn, and S. D. Howison, "Limit order books," *Quant Finance*, vol. 13, no. 11, pp. 1709–1742, 2013, doi: 10.1080/14697688.2013.803148.
- [53] D. E. O’Leary, "Configuring blockchain architectures for transaction information in blockchain consortiums: The case of accounting and supply chain systems," *Intelligent Systems in Accounting, Finance and Management*, vol. 24, no. 4, pp. 138–147, Oct. 2017, doi: 10.1002/ISAF.1417.
- [54] "The Changing Dynamics of International Business in Africa," *The Changing Dynamics of International Business in Africa*, 2015, doi: 10.1057/9781137516541.
- [55] G. Prause, "Sustainable business models and structures for industry 4.0," *Journal of Security and Sustainability Issues*, vol. 5, no. 2, pp. 159–169, 2015, doi: 10.9770/JSSI.2015.5.2(3).
- [56] S. Roohani, Y. Furusho, and M. Koizumi, "XBRL: Improving transparency and monitoring functions of corporate governance," *International Journal of Disclosure and Governance*, vol. 6, no. 4, pp. 355–369, Dec. 2009, doi: 10.1057/JDG.2009.17.

- [57] K. R. Hope, "Capacity development for good governance in developing countries: some lessons from the field," *Int J Public Adm*, vol. 32, no. 8, pp. 728–740, 2009, doi: 10.1080/01900690902908562.
- [58] S. Spiekermann and A. Novotny, "A vision for global privacy bridges: Technical and legal measures for international data markets," *Computer Law and Security Review*, vol. 31, no. 2, pp. 181–200, Apr. 2015, doi: 10.1016/J.CLSR.2015.01.009.
- [59] A. S. Moriya, W. B. Vogt, and M. Gaynor, "Hospital prices and market structure in the hospital and insurance industries," *Health Econ Policy Law*, vol. 5, no. 4, pp. 459–479, Oct. 2010, doi: 10.1017/S1744133110000083.
- [60] G. I. Agbaje, I. E. Bello, and A. G. Ojo, "Empirical assessment of the role of geospatial technology in delivering governance and strengthening democracy in Nigeria," *GeoJournal*, vol. 83, no. 4, pp. 743–756, Aug. 2018, doi: 10.1007/S10708-017-9797-4.
- [61] C. Allen *et al.*, "Data Governance and Data Sharing Agreements for Community-Wide Health Information Exchange: Lessons from the Beacon Communities," *EGEMS*, vol. 2, no. 1, p. 1057, Apr. 2014, doi: 10.13063/2327-9214.1057.
- [62] J. Campbell, A. Goldfarb, and C. Tucker, "Privacy regulation and market structure," *J Econ Manag Strategy*, vol. 24, no. 1, pp. 47–73, Mar. 2015, doi: 10.1111/jems.12079.
- [63] S. A. Wheeler, A. Loch, L. Crase, M. Young, and R. Q. Grafton, "Developing a water market readiness assessment framework," *J Hydrol (Amst)*, vol. 552, pp. 807–820, Sep. 2017, doi: 10.1016/j.jhydrol.2017.07.010.
- [64] K. Wang, W. Meng, J. Bian, S. Li, and S. Yang, "Spatial context-aware user mention behavior modeling for mentionee recommendation," *Neural Networks*, vol. 106, pp. 152–167, Oct. 2018, doi: 10.1016/j.neunet.2018.07.007.
- [65] M. Giannakis and T. Papadopoulos, "Supply chain sustainability: A risk management approach," *Int J Prod Econ*, vol. 171, pp. 455–470, Jan. 2016, doi: 10.1016/j.ijpe.2015.06.032.
- [66] A. Dada, "Sachet water phenomenon in Nigeria: Assessment of the potential health impacts," *Afr J Microbiol Res*, vol. 3, no. 1, pp. 15–21, 2009.
- [67] C. I. Enyinda and D. Tolliver, "Taking counterfeits out of the pharmaceutical supply chain in Nigeria: Leveraging multilayer mitigation approach," *Journal of African Business*, vol. 10, no. 2, pp. 218–234, 2009, doi: 10.1080/15228910903187957.
- [68] S. Bello, "Challenges of DOTS implementation strategy in the treatment of tuberculosis in a tertiary health institution, Ilorin, Nigeria," *Afr J Pharm Pharmacol*, vol. 4, no. 4, 2010.
- [69] Y. Alshamaila, S. Papagiannidis, and F. Li, "Cloud computing adoption by SMEs in the north east of England: A multi-perspective framework," *Journal of Enterprise Information Management*, vol. 26, no. 3, pp. 250–275, Apr. 2013, doi: 10.1108/17410391311325225.
- [70] H. Demirkan and D. Delen, "Leveraging the capabilities of service-oriented decision support systems: Putting analytics and big data in cloud," *Decis Support Syst*, vol. 55, no. 1, pp. 412–421, Apr. 2013, doi: 10.1016/j.dss.2012.05.048.
- [71] P. Kumar Jain, K. Mandli, I. Hoteit, O. Knio, and C. Dawson, "Dynamically adaptive data-driven simulation of extreme hydrological flows," *Ocean Model (Oxf)*, vol. 122, pp. 85–103, Feb. 2018, doi: 10.1016/J.OCEMOD.2017.12.004.
- [72] J. N. K. SL Brunton, "Data-driven versus physics-based modeling," *Annu Rev Fluid Mech*, vol. 50, pp. 645–668, 2018.
- [73] K. J. Ferreira, B. H. A. Lee, and D. Simchi-Levi, "Analytics for an online retailer: Demand

- forecasting and price optimization,” *Manufacturing and Service Operations Management*, vol. 18, no. 1, pp. 69–88, Dec. 2016, doi: 10.1287/MSOM.2015.0561.
- [74] Y. Aviv, “On the benefits of collaborative forecasting partnerships between retailers and manufacturers,” *Manage Sci*, vol. 53, no. 5, pp. 777–794, May 2007, doi: 10.1287/MNSC.1060.0654.
- [75] K. Mathu and S. Phetla, “Supply chain collaboration and integration enhance the response of fast-moving consumer goods manufacturers and retailers to customer’s requirements,” *South African Journal of Business Management*, vol. 49, no. 1, 2018, doi: 10.4102/SAJBM.V49I1.192.
- [76] M. Olivares and G. P. Cachon, “Competing retailers and inventory: An empirical investigation of general motors’ dealerships in isolated U.S. markets,” *Manage Sci*, vol. 55, no. 9, pp. 1586–1604, Sep. 2009, doi: 10.1287/MNSC.1090.1050.
- [77] L. Bakk, “Medicare Part D Coverage Gap: Race, Gender, and Cost-Related Medication Nonadherence,” *Soc Work Public Health*, vol. 30, no. 6, pp. 473–485, Sep. 2015, doi: 10.1080/19371918.2015.1052607.
- [78] B. E. Dixon, A. Zafar, and J. M. Overhage, “A Framework for evaluating the costs, effort, and value of nationwide health information exchange,” *Journal of the American Medical Informatics Association*, vol. 17, no. 3, pp. 295–301, May 2010, doi: 10.1136/JAMIA.2009.000570.
- [79] E. Heo, J. Kim, and S. Cho, “Selecting hydrogen production methods using fuzzy analytic hierarchy process with opportunities, costs, and risks,” *Int J Hydrogen Energy*, vol. 37, no. 23, pp. 17655–17662, Dec. 2012, doi: 10.1016/j.ijhydene.2012.09.055.
- [80] P. A. Ubel, A. P. Abernethy, and S. Y. Zafar, “Full Disclosure — Out-of-Pocket Costs as Side Effects,” *New England Journal of Medicine*, vol. 369, no. 16, pp. 1484–1486, Oct. 2013, doi: 10.1056/NEJMP1306826.
- [81] C. L. X. L. Y. L. X Huang, “An effective algorithm for supply chain network optimization under uncertain demand and transportation cost,” *Math Probl Eng*, vol. 2016, pp. 1–16, 2016, doi: 10.1155/2016/7276497.
- [82] F. Costantino, G. Di Gravio, A. Shaban, and M. Tronci, “Smoothing inventory decision rules in seasonal supply chains,” *Expert Syst Appl*, vol. 44, pp. 304–319, Feb. 2016, doi: 10.1016/j.eswa.2015.08.052.
- [83] S. N. Weingart, B. Simchowitz, H. Padolsky, and et al., “An empirical model to estimate the potential impact of medication safety alerts on patient safety, health care utilization, and cost in ambulatory care,” *Arch Intern Med*, vol. 169, pp. 1465–1473, 2009.
- [84] J. Sarkis, “Environmental Supply Chain Management,” *21st Century Management: A Reference Handbook*, pp. I-281-I-293, May 2012, doi: 10.4135/9781412954006.N28.
- [85] A. Pienaar, “Integrated logistics management,” *Handbook of Global Supply Chain Management*, pp. 169–184, Jan. 2007, doi: 10.4135/9781412976169.N11.
- [86] P. Luo, H. Wang, and Z. Yang, “Investment and financing for SMEs with a partial guarantee and jump risk,” *Eur J Oper Res*, vol. 249, no. 3, pp. 1161–1168, Mar. 2016, doi: 10.1016/J.EJOR.2015.09.032.
- [87] B. Vallejo and U. Wehn, “Capacity development evaluation: the challenge of the results agenda and measuring return on Investment in the Global South,” *World Dev*, vol. 79, pp. 1–13, Mar. 2016, doi: 10.1016/j.worlddev.2015.10.044.
- [88] C. Passaris, “The Business of Globalization and the Globalization of Business,” *Journal of Comparative International Management*, vol. 9, no. 1, pp. 3–18, 2006, Accessed: Sep. 10,

2017. [Online]. Available: https://id.erudit.org/iderudit/jcim9_1art01
- [89] C. J. Su and Y. A. Chen, "Risk assessment for global supplier selection using text mining," *Computers and Electrical Engineering*, vol. 68, pp. 140–155, May 2018, doi: 10.1016/j.compeleceng.2018.03.042.
- [90] T. Sustrova, "A Suitable Artificial Intelligence Model for Inventory Level Optimization," *Trends Economics and Management*, vol. 10, no. 25, p. 48, May 2016, doi: 10.13164/TRENDS.2016.25.48.
- [91] B. Alarie, A. Niblett, and A. H. Yoon, "How artificial intelligence will affect the practice of law," *Univ. Tor. Law J.*, vol. 68, no. supplement 1, pp. 106–124, Jan. 2018, doi: 10.3138/utlj.2017-0052.
- [92] A. G. Cook, "Forecasting for the pharmaceutical industry: Models for new product and in-market forecasting and how to use them," *Forecasting for the Pharmaceutical Industry: Models for New Product and In-Market Forecasting and How to Use Them*, pp. 1–214, Mar. 2016, doi: 10.4324/9781315582740.
- [93] M. R. McKellar, S. Naimer, M. B. Landrum, T. B. Gibson, A. Chandra, and M. Chernew, "Insurer market structure and variation in commercial health care spending," *Health Serv Res*, vol. 49, no. 3, pp. 878–892, 2014, doi: 10.1111/1475-6773.12131.
- [94] G. J. Veal and S. Mouzas, "Changing the rules of the game: Business responses to new regulation," *Industrial Marketing Management*, vol. 40, no. 2, pp. 290–300, Feb. 2011, doi: 10.1016/j.indmarman.2010.09.016.
- [95] G. Oruezabala and J. C. Rico, "The impact of sustainable public procurement on supplier management - The case of French public hospitals," *Industrial Marketing Management*, vol. 41, no. 4, pp. 573–580, May 2012, doi: 10.1016/j.indmarman.2012.04.004.
- [96] M. Gaynor and R. J. Town, "Competition in Health Care Markets," *Handbook of Health Economics*, vol. 2, pp. 499–637, 2011, doi: 10.1016/B978-0-444-53592-4.00009-8.
- [97] M. Gaynor, K. Ho, and R. J. Town, "The industrial organization of health-care markets," *J Econ Lit*, vol. 53, no. 2, pp. 235–284, Jun. 2015, doi: 10.1257/JEL.53.2.235.
- [98] E. T. Cheah, W. L. Chan, and C. L. L. Chieng, "The corporate social responsibility of pharmaceutical product recalls: An empirical examination of U.S. and U.K. markets," *Journal of Business Ethics*, vol. 76, no. 4, pp. 427–449, Dec. 2007, doi: 10.1007/S10551-006-9292-1.
- [99] Y. Wang, "What are the biggest obstacles to growth of SMEs in developing countries? – An empirical evidence from an enterprise survey," *Borsa Istanbul Review*, vol. 16, no. 3, pp. 167–176, Sep. 2016, doi: 10.1016/J.BIR.2016.06.001.
- [100] M. González-Loureiro and J. Pita-Castelo, "A model for assessing the contribution of innovative SMEs to economic growth: The intangible approach," *Econ Lett*, vol. 116, no. 3, pp. 312–315, Sep. 2012, doi: 10.1016/J.ECONLET.2012.03.028.