# THE INFLUENCE OF STRATEGIC LEADERSHIP AND COMPETITIVENESS OF INTERNET SERVICE PROVIDERS IN KENYA

Josephine Njeri Nduati. Masters Student, Jomo Kenyatta University of Agriculture and Technology, Kenya. Dr. Robert Mang'ana. Lecturer, Jomo Kenyatta University of Agriculture and Technology, Kenya.

# ©2024

International Academic Journal of Human Resource and Business Administration (IAJHRBA) | ISSN 2518-2374

Received: 9<sup>th</sup> April 2024

Published: 6<sup>th</sup> May 2024

Full Length Research

Available Online at: https://iajournals.org/articles/iajhrba\_v4\_i4\_53\_72.pdf

**Citation:** Nduati, J., Mang'ana, R. (2024). The influence of strategic leadership and competitiveness of internet service providers in Kenya. *International Academic Journal of Human Resource and Business Administration*, 4(4),53-72.

# ABSTRACT

Competition among firms sets center stage for a race where every competing entity seeks to emerge the winner by scooping as much from the market and financial returns. A competitive and efficient service sector is a pre-requisite for economic development and growth. The massive competition in the service market leads to consumer exploitation prompting organizations and governments to set tactical approaches and policies to enhance their competitiveness. The general objective of the study was to establish the influence of strategic leadership on competitiveness of internet service providers in Kenya. The specific objective of the study was to determine the influence of strategic communication on internet service providers in. The study adopted a descriptive research design. The target population of the study was 108 top management team of established internet service providers in Kenya. Since the sample is small (108), a census method was used to ensure all targeted respondents participate in the study. Primary data was collected using close ended questionnaires while secondary data on ROA was collected using a secondary data collection sheet. The researcher dropped the questionnaires physically at the respondents' place of work. The raw primary data collected was coded prior to being input into SPSS statistical analysis software and then cleaned to ensure accuracy and completeness of the information obtained. Descriptive data was summarized using descriptive analysis; while inferential statistics was used to

generate correlation and multiple regression analysis. Analyzed data was presented in form of tables and graphs. A total of 108 questionnaires were sent to the targeted108 top management team from each of 12 internet established service provider companies in Kenya for data collection; from which 101 questionnaires were returned completely filled, depicting a response rate of 93.5% which is good for generalizability of the research findings to a wider population. From the study results, both descriptive and inferential statistics showed that the four conceptualized independent variables significantly predicted competitiveness of internet service providers in Kenya (dependent variable). The study concluded that internet service provider firms in Kenya in feasible that engage strategic communication approaches can realize a significant improvement their in competitiveness in internet service provision. The study recommends that top management team of internet service providers should craft viable strategic communication approaches that enable them sustain their competitiveness in internet service provision in Kenya. A similar study can be done using longitudinal study approach with time series data for about 10-year period so as to establish the feasibility of strategic leadership on competitiveness of all internet service provider companies in Kenya.

## **INTRODUCTION**

## **Background of the Study**

Competitiveness is the capacity of an endeavor to expand its piece of the overall industry, benefit and development while managing its situation in the market for a timeframe. Ibrahim and Abou (2019) allude that competitiveness revolves around flourishing made from monetary action that makes an incentive by giving items and administrations at costs over their expense of generation. Organizational competitiveness is reliant on dynamism, advancement and the capacity to change and modify. Corporate institutions achieve competitive advantage if they produce superior products or services that they bring forth on market at lower prices than their competitors. Alshubaily and Altameem (2017) indicated that competition among firms sets center stage for a race where every competing entity seeks to emerge the winner by scooping as much from the market and financial returns.

The quest for competitive advantage always ranks high in the crafting of strategic framework for an organization (Singh, Burgess & Heap, 2016). In the current era, strategic management has been identified as an imperative for competition and enhanced performance as it improves efficiency in respect of production and allocation of goods and services in the organization. According to Alshubaily and Altameem (2017), strategic management may be viewed as a collection of decisions and actions that results in the formulation and implementation of plans designed to achieve the objectives of a firm. To Chigudu (2020), strategic management is a phenomenon that involves decision making, proper execution of the idea so as to achieve the particular target or objective of the organization. It can be summed up that strategic management encompassed a set of organizational activities that results in strategic intent, formulation of plans, execution and control of the performance in a business enterprise (Vaghefi & Tulu, 2019).

Strategic management drivers are those factors that help in the translation of strategic thoughts into performances that can be attained. According to Singh, Burgess and Heap (2016), the drivers aim to help organizations achieve or exceed planned performance. Some of these drivers entail relationship management of customers, organizational learning, and strategic leadership. Strategic management drivers provide tools for firms' survival, growth and help them to maintain a sustainable competitive advantage over their competitors. Firms use strategic leadership to protect them from a very unpredictable business environment and ensure survival and growth (Watzlaf, & Parmanto, 2019).

Candido and Santos (2015) argue that in the highly competitive environment of the 21st century, organizations must be able to effectively change through the application of effective strategies, quickly and in a way that the competitors will be unable to imitate. Strategic management drivers and competition has implications to access to financial resources, allocation of funds,

competitiveness and development of service and manufacturing industries, levels of economic growth and the degree of financial stability. Strategic management practices involve the critical dimensions of strategic intent, formulation, implementation, control of strategy (Singh, Burgess & Heap, 2016; Chigudu, 2020). It is a collection of managerial decisions and actions that have a bearing on the long-term performance of a corporation.

According to Birkhoff and Moriarty (2020), a competitive and efficient service sector is a prerequisite for economic development and growth. Organizational capacity to attain competitiveness has been a leading motivation among investors, business executives as well as policy formulators across the globe. The massive competition in the internet service sector leads to consumer exploitation prompting organizations and governments to set tactical approaches and policies to enhance their competitiveness (Imbambi, 2018).. In today 's turbulent business environment, internet service firms are faced with changes in technology, consumer demand, customer expectations, competition, regulations and globalization among many aspects.

According to Barney (2015), the rigorous rivalry in operating atmosphere changes at a high rate leading to very high levels of precariousness affecting competitiveness of firms in the service (Harrigan, 2017).

Strategic leadership has been found to improve organizational competitiveness of organizations across various settings. To this end, Alharthy, Rashidm, Pagliari and Khan (2017) allude that although 80% of the organizations have the right strategies, rarely 14% have succeeded to implement them due to lack of strategic leadership among other factors. Chigudu (2020) studied Zimbabwe's challenges of strategic management in the wake of sustainable development and found that 80% of strategy implementation efforts fail among the Zimbabwean firms mainly due to leadership related causes. Kagumu (2016) further allude that the main problem of managers and owners of service firms in today's dynamic competitive business environment is lack of requisite leadership since organizations spend a lot of money, personnel and other resources in creating their strategic plans., thus negatively affecting the firms' competitiveness.

Gikunju, Gakure and Orwa (2018) studied the determinants of performance of tea industry in Mount Kenya Region; Njue and Ongoto (2020) examined the relationship between strategic management practices and change implementation in selected public universities in Kenya. The foregoing studies reveal that the lower competitiveness of organizations are a pointer to the fact that they lack strategic leadership among other factors, thus key drivers to effective organizational competitiveness is the existence of strategic communication, strategic direction, control and knowledge/skills, expertise, team-work as exemplified in the strategic human resources. Several studies examined leadership variables partially or in isolation. Further, constraints of operationalization and contextualization of strategic leadership dimension are not exhaustive from context to context. Statistics form the Communication Authority of Kenya quarterly report (2021) on competition, tariffs and market analysis-April-June, 2021, shows a downward trend analysis. For instance, data/internet total subscriptions dropped from 46.74-43.74 million, while total broad band subscriptions dropped from 27.48-25.77 million, thus making some internet service providers to strongly invest in fibre internet solution to remain competitive.

Further, in terms of market share in 2021, Safaricom lost 0.2% points in market share-recorded 64.2% shares, Airtel Networks Ltd gained 0.3% points; recorded 26.9%, Equitel dropped by 0.2% points-recorded 2.3% market shares; Telkom Kenya ltd and Jamii Telecommunications ltd market shares remained unchanged at 6.2% and 0.3% respectively (Communication Authority of Kenya quarterly report, 2021). Economic surveys (2021) pointed at leadership wrangles, among other causes of drop in competitiveness of the internet service providers. Therefore, it is on this premise this study sought to examine the influence strategic leadership on competitiveness of internet service providers in Kenya.

# **RESEARCH METHODOLOGY**

Descriptive research collects data from members of a population and helps the researcher get the descriptive existing phenomena by asking individuals about their perceptions, attitudes, behavior or values. The target population of the study will be the top management team of established Internet Service Providers, regulated by the Communications Authority of Kenya. A sample of 108 top level management team of established Internet Service Providers, regulated by the Communications Authority of Kenya. Self-administered structured questionnaires were used to collect data. A pilot study was done to determine validity and reliability. Data was analyzed using SPSS statistical analysis software.

# Results

Descriptive results are summarized as measures of central tendance and dispersion of the Likert scale of measurements. In terms of interpreting the mean responses and mode, first, the mean of strategic communication is 3.501 (round to 4 is great extent on the likert scale) with a std deviation of 0.89363 and a mode of 4.00 (great extent on likert scale) implying that most respondents were of the opinion that strategic communication has to a great extent contributed to the competitiveness of the internet service provider firm. These results are supported by some previous studies (Heide, Gronhaug, & Johannessen, 2014) which reveals that over 66 percent of firms fail to coordinate strategic activities because of poor strategy communication, which is often caused by managers' inability to communicate strategies in a meaningful manner to other organizational members and key stakeholders.

		Strategic	Competitiveness of
		communicati	internet service
		on	providers
N	Valid	101	101
	Missing	0	0
Mean		3.5010	3.6525
Median		3.4461	3.2936
Mode		4.00	4.00
Std. Deviation		.89363	1.04847
Skewness		599	720
Std. Skewne	Error of ess	.240	.240
Kurtosis		395	345
Std. Error of Kurtosis		.476	.476

#### Table 1 Descriptive statistics

# **Correlation analysis**

Correlation analysis was computed using Pearson's product moment correlation coefficient to determine linear relationship between the study's independent variable strategic communication and the outcome variable (competitiveness of internet service providers in Kenya).

The results showed that strategic communication (0.724) had positive significant relationship with the dependent variables (competitiveness of internet service providers) in Kenya.

# Multiple regression analysis

Multiple regression analysis show an  $R^2$  of 0.849 from which we can infer that the study model explains 84.9% of variations in the competitiveness of studied internet service providers in Kenya while other factors or variables not in the study's model accounts for only 15.1% of competitiveness of studied internet service providers in Kenya; thus it is a good study model. The other variables in the study were strategic direction; strategic control; and strategic human resource focus;

Further, the ANOVA results shows the F-statistical value is significant (F=135.429, *significant* at p<.01), which confirms the fitness of the model. That is, the study's conceptualized independent variables (strategic communication, strategic direction, strategic control, and strategic human

resource focus) are indeed different from each other and therefore influence competitiveness of internet service providers in Kenya (outcome variable) in a different manner.

## **Discussion of study findings**

Descriptive statistics showed that the mean of strategic communication is 3.501 (round to 4 is great extent on the likert scale) with a std deviation of 0.89363 and a mode of 4.00 (great extent on likert scale) implying that most respondents were of the opinion that strategic communication has to a great extent contributed to the competitiveness of the internet service provider firm.

Multiple regression analysis showed that strategic communication has positive significant influence on competitiveness of internet service providers in Kenya ( $\beta = 0.294$  (0.093) at p<0.05). The results indicate that a single increase in effective strategic communication approaches by top management team in the company will lead to 0.294 unit increase in the competitiveness of internet service providers in Kenya

Both descriptive and inferential statistics are supported by Newsom, Turk and Kruckeberg (2017) who analyzed use of strategic communication as public relations exercise in 183 established SMEs in India and found that company communication experts must understand the attitudes and concerns of the consumer, employee, and public interest groups to establish and maintain good cooperative relationships with concerned stakeholders.

Quirke (2017) study on middle level managers also many strategic managers lack an understanding of the meaning and role of strategy communication. Similarly, employees often feel confident about their job performance but, in fact, they have no idea what their organization actually wants to accomplish in terms of competitiveness which must then be well expressed in the company's communication strategy.

However, the result differ with Wallsten and Mallahan (2019) who studied the direct link between competition, communication of prices, and speed; by constructing a series of logit and OLS regressions to measure the effect of the number of ISPs on both the speed and price of connection, the study found that there was a positive relationship between number of providers and the speed of connection and a negative relationship between number of providers and communication of prices.

# Conclusion

First, internet service provider firms in Kenya that engage in feasible strategic communication approaches can realize a significant improvement in their competitiveness in internet service provision.

## Recommendations

First, top management team of internet service providers should craft viable strategic communication approaches that enable the firms sustain their competitiveness in internet service provision in Kenya.

## REFERENCES

- Abdi,A (2015) The Effect of Strategic Business Objectives Alignment with Information Management on Enhancing Small Organization Performance. International Journal of Computer Applications. 72(3).
- Alharthy, A.H., Rashid, H., Pagliari, R. & Khan, F. (2017) Identification of Strategy Implementation Influencing Factors and Their Effects on the Performance. *International Journal of Business and Social Science*, 8(1): 34-44.
- Abimbola, S., Baatiema, L., & Bigdeli, M. (2019). The impacts of decentralization on health system equity, efficiency and resilience: a realist synthesis of the evidence. *Health policy and planning*, 34(8), 605-617.
- Abuya, T., Obare, F., & Matanda, D. (2018). Stakeholder perspectives regarding transfer of free maternity services to N ational H ealth I nsurance F und in K enya: Implications for universal health coverage. *The International journal of health planning and management*, , 33(2), e648-e662.
- Adeabah, D., Gyeke-Dako, A., & Andoh, C. (2019). Board gender diversity, corporate governance and bank efficiency in Ghana: a two stage data envelope analysis (DEA) approach. Corporate Governance: The International Journal of Business in Society, 19(2), 299-320.
- Agura, G. N., & Namusonge, G. (2017). Role of strategic procurement process management practice in stock-outs management in kenyan public sector: a case study of Jomo Kenyatta University of Agriculture and Technology in Kenya. *International Journal of Social Sciences and Information Technology*, 3(2), 1822-1831.
- Alahakoon, M. U., & Jehan, S. N. (2020). Efficiency of Public Service Delivery—A Post-ICT Deployment Analysis. *Economies*, 8(4), 97-120.
- Albabtain, A. F., AlMulhim, D. A., Yunus, F., & Househ, M. S. (2016). The role of mobile health in the developing world: a review of current knowledge and future trend. *Cyber Journals: Multidisciplinary Journals in Science and Technology [JSHI]*. *Journal of Selected Areas in Health Informatics*, 42, 10-15.
- Allah, A., Pinglu, C., & Ullah, S. (2021). The role of e-governance in combating COVID-19 and promoting sustainable development: a comparative study of China and Pakistan. *Chinese Political Science Review*,, 6(1), 86-118.

- Almaqtari, F. A., Al-Hattami, H. M., Al-Nuzaili, K. M., & Al-Bukhrani, M. A. (2020). Corporate governance in India: A systematic review and synthesis for future research. *Cogent Business & Management*, 7(1), 180-379.
- Al-Najjar, B., & Clark, E. (2017). Corporate governance and cash holdings in MENA: Evidence from internal and external governance practices. *Research in International Business and Finance*, 39(6), 1-12.
- Al-Sartawi, A. M. (2021). Information technology governance and cybersecurity at the board level. *International Journal of Critical Infrastructures*, 16(2), 150-161.
- Alshubaily, N. F., & Altameem, A. A. (2017). The Role of Strategic Information Systems (SIS) in Supporting and Achieving the Competitive Advantages (CA): An Empirical Study on Saudi Banking Sector. . *Int. J. Adv. Comput. Sci. Apllocations*, 8(7), 128-139.
- Angelopoulos, N. V., Cowx, I. G., & Buijse, A. D. (2017). Integrated planning framework for successful river restoration projects: upscaling lessons learnt from European case studies. *Environmental Science & Policy*, 76, 12-22.
- Antony, A., & Alala, O. B. (2018). The Moderating Effect of Government Policy on Strategic Leadership and Performance of County Governments in North Rift Region, Kenya. *International Journal of Multidisciplinary and Current Research*, 6(1), 1110-1121.
- Ateş, N. Y., Tarakci, M., Porck, J. P., Knippenberg, D., & Groenen, P. J. (2020). The dark side

of visionary leadership in strategy implementation: Strategic alignment, strategic consensus, and commitment. Journal of Management, 46(5).

- Atosh, A. M., & Iraya, C. (2018). Effect of corporate governance practices on financial distress among listed firms at Nairobi Securities Exchange. *Journal of International Business, Innovation and Strategic Management*, 2(2), 70-90.
- Babu, G. C., & Manukonda, S. R. (2018). A Study on Role of Information Technology (IT) in Retail Business Create Long Term Relationship with Customers. *Global Journal of Management And Business Research*.
- Bansal, N., & Sharma, A. K. (2019). Corporate governance and firm performance in an emerging economy context: new evidence from India. *International Journal of Comparative Management*, 2(2), 123-147.
- Barako, D. G., & Brown, A. M. (2016). *The corporate governance of the Kenyan public sector*. *In Corporate Governance in Africa (pp. 223-247).* London: Palgrave Macmillan, .
- Barasa, E. W., Manyara, A. M., Molyneux, S., & Tsofa, B. (2017). Recentralization within decentralization: county hospital autonomy under devolution in Kenya. *PloS one*, 12(8), 182-240.

- Bernstein, R., Buse, K., & Bilimoria, D. (2016). Revisiting agency and stewardship theories: Perspectives from nonprofit board chairs and CEOs. *Nonprofit Management and Leadership*, 26(4), 489-498.
- Bore, R. F., Chepkilot, R., & Tanui, J. K. (2019). An Evaluation of Influence of Leadership on Management of Strategic Organizational ChangeA Case Study of Nakuru County Government, Kenya. *World Journal of Innovative Research (WJIR)*, 7(5), 70-80.
- Bruni-Bossio, V., Story, D. C., & Garcea, J. (2016). Board governance in the nonprofit sector: Role-performance relationships of directors. *The Innovation Journal*, 21(1), 1.
- Burke, J. J., Hoitash, R., & Hoitash, U. (2019). The heterogeneity of board-level sustainability committees and corporate social performance. *Journal of Business Ethics*, 154(4), 1161-1186.
- Chelangat, E. C., Were, S., & Odhiambo, R. (2018). Effect of Job CharacteristicsonTurnover Intentions in the Banking Sector in Nairobi City County in Kenya. *Journal of Human Resource & Leadership*, 2(1), 1-18.
- Chelimo, W. K., Guyo, W., & Moronge, M. (2020). Moderating Effect of Organizational Culture on the relationship between Transformational, Transactional Leadership Styles and Competency Development in Technical and Vocational Education Training Institutions in Kenya. *International Journal of Innovative Social & Science Education Research*, 8(3), 24-43.
- Cheruiyot, P. M., Oketch, J., Namusonge, G., & Sakwa, M. (2017). Effect of public financial management practices on performance in Kericho county government, kenya: a critical review. *International Journal of Education and Research*, 5(12), 211-224.
- Chen, Y and Savage, S (2017). The Effects of Competition on the Price for Cable Modem Internet

Access (The Review of Economics and Statistics, 19(5).

- Chigudu, D. (2020). Public Sector Corporate Governance: Zimbabwe's Challenges of Strategic Management in the Wake of Sustainable Development. Academy of Strategic Management Journal, 19(1), 1-13.
- Cornforth, C., & Macmillan, R. (2016). Evolution in board chair–CEO relationships: A negotiated order perspective. *Nonprofit and Voluntary Sector Quarterly*, 45(5), 949-970.

Costley, K.C. (2017). Why do we have theories? Education Resources Information Centre.

http://www.eric.ed.gov

Dan R (2016). Competition Among US Broadband Service Providers (Office of Chief Economist:

US Department of Commerce, 38(6).

David B (2018) The Whole Picture: Where America's Networks Really Stand (The Information

and Technology Foundation Inc.2018.

- Dinokopila, B. R., & Murangiri, R. I. (2018). The Kenya National Commission on Human Rights under the 2010 Constitutional Dispensation. *African Journal of International and Comparative Law*, 26(2), 205-226.
- Everett E (2018). The Causal Effect of Competition on Prices and Quality (NBER, 2018).
- Elamer, A. A., Ntim, C. G., & Abdou, H. A. (2020). Islamic governance, national governance, and bank risk management and disclosure in MENA countries. *Business & Society*, 59(5), 914-955.
- Foss, N. J., & Hallberg, N. L. (2017). Changing assumptions and progressive change in theories of strategic organization. *Strategic Organization*, 15(3), 410-422.
- Freeman, T., Millar, R., Mannion, R., & Davies, H. (2016). Enacting corporate governance of healthcare safety and quality: a dramaturgy of hospital boards in England. Sociology of health & illness, 38(2), 233-251.
- Gakure, R. W., & Waititu, A. (2017). Financial Management Practices Influence on Performance Contracting Results in Local Authorities in Kenya. *European Journal of Business and Strategic Management*, 2(4), 1-15.
- Gakure, R., Gichuhi, D. M., & Waititu, A. (2014). Influence of organizational leadership on competitiveness of Public Universities in Kenya. *Journal of Humanities And Social Science*, 19(1), 13-19.
- Gikunju, C. K., Gakure, R. W., & Orwa, G. O. (2018). Value Addition as a Strategic Management Practice and Determinant of Performance of Tea Industry in Mount Kenya Region. *Journal of Strategic Management*, 2(1), 34-50.
- Gitau, A. N., & Monari, D. G. (2019). Determinants of employee commitment in constitutional commissions in Kenya. *The Strategic Journal of Business & Change Management*, 6(2), 2065-2078.
- Githinji, R. M., & Were, S. (2018). Challenges of implementing e-procurement in the ministry of transport, infrastructure, housing and urban development in Nairobi, Kenya. *Journal of Procurement & Supply Chain*, 2(1), 1-13.

Goolsbee, A and Petrin, A (2018). The Consumer Gains from Direct Broadcast Satellites and

Competition with Cable TV (Econometrica).

Greenstein, and McDevitt, R (2020). Evidence of a Modest Price Decline in US Broadband

Services (NBER, 2020).

- Guney, Y., Karpuz, A., & Komba, G. (2021). The effects of board structure on corporate performance: Evidence from East African frontier markets. *Research in International Business and Finance*, 53 (1), 101222.
- Halidu, S. G. (2015) the impact of training and development on workers' productivity in some

selected Nigerian universities, International Journal of Public Administration and Management Research, 3(1); 10-16.

Hebda J, K (2017). Communication use in large American companies. IEEE Transactions on

Engineering Management, 87(9).Heide, J Gronhaug, V & Johannessen, S (2014).

- Governance and Strategic Leadership in Entrepreneurial Firms. Journal of Management, 28(3).
- Hooda, A., & Singla, M. L. (2020). Reengineering as a strategic stance for e-governance successmediating role of core competencies. *Transforming Government: People, Process and Policy*, 14 (2), 205-235.
- Hooda, O., & Singla, M. L. (2020). Interplay of Core Competencies Driving E-Governance Success: A Mixed Method Research. *Hooda, A., & Singla, M. L.*, 16(2), 33-59.
- Ibrahim, A., & Abou Naem, A. (2019). The Impact of Strategic Information System and Strategic Design on Organization's Competitiveness: A Field Study. Academy of Strategic Management Journal, 18(1), 1-12.
- Ireri, A., & Deya, J. (2019). Influence of strategic plan implementation drivers on the performance of automobile companies in Kenya. *International Academic Journal of Human Resource and Business Administration*, 3(5), 279-295.
- Ireri, E., & Guyo, W. (2018). The Influence of the County Public Service Board (CPSB), on the Devolved Human Resources Governancein Kenya. *International Journal of Humanities* and Social Science, 8(8), 141-151.
- Johari, R. J., Alam, M. M., & Said, J. (2020). Empirical assessment on factors contributing to integrity practices of Malaysian public sector officers. *Business Process Management Journal*, 1(3), 34-68.
- Koros, R. C., Namusonge, P. G. S., & Sakwa, P. M. (2018). Effects of Strategic Management Drivers on Performance of Airports in Kenya. *IJRDO - Journal of Business Management* (*ISSN:* 2455-6661), 4(8), 46-62. Retrieved from http://www.ijrdo.org/index.php/bm/article/view/2265

- Kagumu, J.G. (2016) Organizational Factors Influencing Strategy Implementation in the Anglican Church of Kenya: The Case of Kirinyaga Diocese, Kenya. *International Journal* of Current Business and Social Sciences, 1 (5), 350-385
- Kinyua, D M'Mugambi, Okeyo, W & Muthoka, M (2021). The Role of Strategic Leadership Style on Compliance with Public Service Ethics in the County Governments of Kenya. Journal of Human Resource and Leadership. Vol.5 Iss.1
- Kitonga, D.M., Bichanga, W. O., & Muema, B.K. (2017). Strategic Leadership and Organizational Performance in Not-For-Profit Organizations in Nairobi County in Kenya. International Journal of Scientific & Technology Research, 5(5): 28-32.
- Lampaki, A. & Papadakis, V. (2018). The impact of organizational politics and trust in the top management team on strategy implementation success: A middle manager's perspective on strategy. European Management Journal.56.(6).
- Menges, A Merchant C., Jansen T., & Lier A. (2017). Intellectual Capital, Innovation and Performance: A Systematic Review of the Literature. Business and Economic Research. 31 (1).
- Morris, P (2017). Americans' Internet Access 2002-2017 (Pew Research Center).
- Newsom, D., Turk, J., & Kruckeberg, D. (2014). Cengage Advantage Books: This is PR: The Realities of Public Relations. Cengage Learning.
- Ntongai, D. (2019). Mediating effect of strategy operationalization in relationship between organizational culture and performance in Commercial banks in Kenya. Unpublished Doctoral Dissertation, Kenya Methodist University].
- Nzuve, S. and Bundi, E. G. (2016). Human Capital Practices and Firms Performance: A Survey of Commercial Banks in Kenya, Social Science Research Network, Nairobi, Kenya.
- Palladan, A.A, Kadir, K.A, & Chong, Y.W. (2016) Effects of Strategic Leadership, organizational innovativeness and information technology capability on effective strategy implementation. *International Journal of Organizational & Business Excellence*. 1: 2.
- Palladan, A.A. & Adamu, M.A. (2018) An Overview of Strategic Management Practices. Empirical Evidence. Austin Journal of Business Administration and Management, 2(3): 1033.
- Pearce, J.A., & Robinson, R.B. (2009). Strategic management formulation, implementation and control. Prentice Hall.
- Prieger, J Molnar, G and Savage, S (2016). Quality Competition in the Broadband Service Provision Industry. Pepperdine University.

Quirke B (2017). Communication and management. Communication Consulting, Inc.8 (3)

- Semuel, H., Siagian, H. & Octavia, S. (2017). The Effect of Leadership and Innovation on Differentiation Strategy and Company Performance. 7<sup>th</sup> International Conference of Intercultural Education. "Education, Health and ICT for a Transcultural Work, 15 – 17 June, Spain. *Procedia – Social and Behavioural Sciences*, 237, 1152 – 1159.
- Senaji, T. A., Metwally, E., Sejjaaka, S., Puplampu, B. B., Michaud, J., & Adedoyin, R. H. (2014). Leadership effectiveness, motivation, and culture in Africa: Lessons from Egypt, Ghana, Kenya, Nigeria, and Uganda. Canadian Journal of Administrative Sciences/Revue Canadienne des Sciences de l'administration, 31(4), 228-244.
- Taylor, A & Colette, T (2014). Crafting and Executing Upper Saddle River. Prentice Hall
- Wallsten, S and Mallahan, C (2019). Residential Broadband Competition in the United State-Social Science Research Network.
- Wheelen, T and Hunger, J (2015). Concepts in Strategic Management and Business Policy. Prentice Hall. ISBN 9780131424050.
- Kabiru, F. C., Theuri, M. M., & Misiko, A. J. (2018). The influence of planning on the organizational performance of agricultural state owned corporations in Kenya. *International Academic Journal of Human Resource and Business Administration*, 3(1), 68-80.
- Kadriye, A. Y., & Kumkale, İ. (2020). The role of manager values the impact of ethical codes on competetive advantage. *Academy of Strategic Management Journal*, 19(1), 1-24.
- Kaguru, J., Namusonge, G. S., & Mugambi, F. M. (2020). Strategic leadership practices and their influence on performance of government managed entities in Kenya. *American Journal of Humanities and Social Sciences Research (AJHSSR)*, 4(4), 105-111.
- Kamuti, J. M., & Omwenga, J. (2017). Factors influencing investment decisions in Nairobi Securities Exchange: A case of Dyer & Blair Investment Bank Limited. . International Academic Journal of Economics and Finance, 2(3), 1-15.
- Kande, A., Namusonge, G., & Mugambi, F. (2017). The role of governing board on growth of private universities in Kenya. *International Journal of Innovative Research and Advanced Studies*, , 4(3), 326-334.
- Karanja, G. K., & Awuor, E. (2017). Board Diversity Regulations and Performance of Commercial Banks in Kenya: A Case of Nairobi County. *European Journal of Business* and Strategic Management, 2(8), 38-59.
- Kariuki, G. (2016). ICTs and governance: understanding citizen-engagement in implementation of e-governance in Kenya. *International Journal of Electronic Governance*, 7(3), 232-252.

- Kessy, A. T. (2020). Transparency in local government finance and service delivery: The case of Mwanza City and Moshi District Councils in Tanzania. *Journal of Humanities and Social Sciences*, 12(2), 194-211.
- Khalifa, G. S., & Ali, E. H. (2017). Managing drivers and boundaries of information technology risk management (ITRM) to increase Egyptian hotels market share. *International Journal on Recent Trends in Business and Tourism (IJRTBT)*, 1(1), 12-31.
- Khalil, A., & Chihi, S. (2021). Do board characteristics affect the financial soundness of Islamic banks. *African Scientific Journal*, 3(2), 85-102.
- Kiende, C. K., Mukulu, E., & Odhiambo, R. (2019). Influence of Strategic Innovation on the Performance of Small and Medium Women-Owned Enterprises in Kenya. *Journal of Entrepreneurship & Project Management*, 3(1), 50-67.
- Kihamba, J. S. (2021). Public Procurement Reforms in Tanzania: Dispersion of Corruption and Governance. Public Procurement, Corruption and the Crisis of Governance in Africa, 4(4),185-204.
- Kihara, P., Bwisa, H., & Kihoro, J. (2016). Nexus between Leadership Styles and Performance of Small and Medium Manufacturing Firms in Kenya. *Current Journal of Applied Science and Technology*, 3(4), 1-13.
- Kilincarslan, E., Elmagrhi, M. H., & Li, Z. (2021). Impact of governance structures on environmental disclosures in the Middle East and Africa. *The International Journal of Business in Society.*, 6(9), 2-33.
- Kimaru, G. G., Bwisa, H. M., & GO, O. (2020). The Relationship between Innovativeness and Performance of Commercial Small scale Dairy Enterprises in Kenya. *International Journal of Business Management & Economic Research*, 11(4), 4-18.
- Kinai, M., & Were, S. (2017). Role of supplier Collaboration on Organization Performance: A Case of Kenya Urban Roads Authority. *International Journal of Social Science and Information Technology*, 3(10), 2572-2592.
- Koch, V. G., & Miller, T. (2019). Changing expectations for board oversight of healthcare quality: the emerging paradigm. *Journal of health & life sciences law*, 2(4), 56-78.
- Koech, P., Namusonge, G. S., & Mugambi, F. M. (2016). Board Characterics as a Determinant of Effectiveness of Corporate Governance in State Corporation in Kenya. *International Journal of Business andCommerce*, 5(4), 37-62.
- Konyango, T. O., Ngugi, P. K., Rotich, G., & Orwa, G. (2018). Influence of Accountability on Policy Implementation in Public Sector in Kenya. *Journal of Human Resource & Leadership*, 2(1), 42-58.
- Koskinen, S., & Lämsä, A.-M. (2016). The CEO-Chair relationship from a relationalleadership perspective. *Leadership and Organization Development Journal*, 37 (8),1135-1146.

- Larson, R. S. (2018). A path to better-quality mHealth apps. *JMIR mHealth and uHealth*, 6(7), e10414.
- Lawal, B. (2016). Still on board configuration: SEC recommendations and the efficiency of adhering firms in Nigeria. *Journal of Economic & Financial Studies*, 4(02), 01-23.
- Lee-Geiller, S., & Lee, T. D. (2019). Using government websites to enhance democratic Egovernance: A conceptual model for evaluation. *Government Information Quarterly*, 36(2), 208-22.
- Leigh, S., & Ashall-Payne, L. (2019). The role of health-care providers in mHealth adoption. *The Lancet Digital Health*, 1(2), e58-e59.
- Lewis, C. E., & Clarke, J. D. (2016). Decentralization and Health: Case Studies of Kenya, Pakistan, and the Philippines the Philippines. *CWIC Posters.*, 20(1), 20-23.
- Lim, C., & Kim, K. J. (2018). Experience Design Board: A tool for visualizing and designing experience-centric service delivery processes. *Journal of Retailing and Consumer Services*, 45(3), 142-151.
- Liwanag, H. J., & & Wyss, K. (2018). What conditions enable decentralization to improve the health system? Qualitative analysis of perspectives on decision space after 25 years of devolution in the Philippines. *PLoS One*, 13(11), e0206809.
- Lufunyo, H. S., & Pallangyo, W. A. (2017). Institutional Characteristics and Its Effect on Public Health Service Delivery under Decentralization in Local Government Authorities in Tanzania. Noble International Journal of Business and Management Research, 1(1), 31-48.
- Mabati, J. R., Onserio, R. F., Mutai, N. C., & Bii, P. K. (2020). Role of Audit Committee in Promoting Accountability and Governance in Commercial Banks in Kenya. *Journal of Finance and Accounting*, 4(4), 36-53.
- Makori, B. N., & Kinyua, G. (2019). Organizational Leadership and performance of Co-operative Bank of Kenya. *International Academic Journal of Human Resource and Business Administration*, 3(5), 357-375.
- Makulila, J. (2020). A Comparative Analysis of International Corporate Failures to Zambia in Relation to Corporate Governance: Why Corporations fail. *Supershine International multidisciplinary Journal*, 1(19), 66-66.
- Mandala, N., Kaijage, E., Aduda, J., & Iraya, C. (2019). An empirical investigation of the relationship between board structure and performance of financial institutions in Kenya. *Journal of Finance and Investment Analysis*, 7(1), 37-57.
- Manya, A., Sahay, S., Braa, J., & Shisia, B. (May, 2018). Understanding the effects of decentralization on health information systems in developing countries: a case of devolution in Kenya. *In 2018 IST-Africa Week Conference (IST-Africa)*.

- Manyaga, C. B., Muturi, W., & Oluoch, O. (2020). Board gender diversity and financial performance of commercial banks in Kenya. *Journal of Finance and Accounting*, 8(1), 1-10.
- Marijani, R. (2018). Validating a Model for Assessing the Performance of Public Sector Organizations (PSOs): A Rapid Assessment of Tanzania Public Service College. *Administratio Publica*, 26(1), 123-144.
- Maroa, S. G., & Namusonge, M. (2019). Strategic Innovation and Service Delivery in Public Universities in Kenya: A Case of Kenyatta University. *International Journal of Current* Aspects, 3(3), 199-211.
- Mason, D. P., & Kim, M. (2020). A Board Coaching Framework for Effective Nonprofit Governance: Staff Support, Board Knowledge, and Board Effectiveness. *Human Service Organizations: Management, Leadership & Governance*, 44(5), 452-468.
- Maxon, R. M. (2019). Disservice to the Public? The Public Service Commission in Early Independent Kenya. *The Journal of the Middle East and Africa*, 10(3), 237-252.
- Mbithi, A. M., K'Obonyo, P. O., & Awino, Z. B. (2016). Transformational leadership, employee outcomes, and performance of universities in Kenya. *DBA Africa Management Review*, , 6(2), 12=56.
- Messner, E. M., Probst, T., O'Rourke, T., Stoyanov, S., & Baumeister, H. (2016). *mHealth* applications: potentials, limitations, current quality and future directions. Springer, Cham: In Digital Phenotyping and Mobile Sensing.
- Mlambo, D. N. (2019). Governance and service delivery in the public sector: the case of South Africa under Jacob Zuma. *African Renaissance*, 16(3), 207-224.
- Moffatt-Bruce, S., Clark, S., DiMaio, M., & Fann, J. (2018). Leadership oversight for patient safety Programs: an essential element. *The Annals of thoracic surgery*, 105(2), 351-356.
- Muchai, H. W., Makokha, E. N., & Namusonge, G. (2018). Effects of remuneration system on organizational performance of teachers' service commission, Kenya. *European Journal of Business and Management*, 10(11), 132-141.
- Muda, J., Tumsa, S., Tuni, A., & Sharma, D. P. (2020). Cloud-Enabled E-Governance Framework for Citizen Centric Services. *Journal of Computer and Communications*, 8(7), 63-78.
- Murindahabi, C. (2016). The trajectory of public administration in Rwanda: an appraisal. *Public Policy and Administration*, 6(4), 46-54.
- Muriuki, J. W., Cheruiyot, T., & Komen, J. (2017). Influence of Corporate Governance on Organizational Performance of State Corporations in Kenya. . *Sci. J. Bus. Manag*, , 5(4), 136.

- Musau, V. M., Waititu, A. G., & Wanjoya, A. K. (2016). Modeling panel data: Comparison of GLS estimation and robust covariance matrix estimation. *American Journal of Theoretical and Applied Statistics*, 4(3), 185-191.
- Mutinda, B., Oloko, M., & Muturi, W. (2018). Influence of Customer Alignment on Strategy Implementation in HIV/AIDS Non-Governmental Organizations in Kenya. *Journal of Strategic Management*, 2(3), 25-49.
- Mwandihi, N. K., Iravo, A. M., & Sakwa, M. M. (2019). Influence of internal career opportunities on performance of public servants in Vihiga County, Kenya. *African Journal of Emerging Issues*, 1(4), 74-97.
- Mwanga, D., Ong'ala, J., & Orwa, G. (2017). Modeling sugarcane yields in the Kenya sugar industry: A SARIMA model forecasting approach. *International Journal of Statistics and Applications*, 7(6), 280-288.
- Mwangangi, R., Guyo, W., Moronge, M., & Keraro, V. (2017). Contribution of leadership independence on leadership performance of listed companies in Kenya. *Journal of Advanced Research in Management and Social Sciences*, 6(3), 1-27.
- Mwangi, E. K., Gakure, R. W., Arasa, R., & Waititu, A. (2017). Influence of Leadership Style on Performance Contracting Results in Local Authorities, Kenya. *Journal of Human Resource and Leadership*, 2(5), 34-39.
- Namusonge, A., Mukulu, E., & Mokaya, S. (2017). Relationship between strategic product development practices and financial performance of telecommunication firms in Kenya. *International Journal of Academic Research in Business and Social Sciences*, 7(11), 309-326.
- Ndegwa, J., Senaji, T., & Mugambi, K. (2020). Influence of Board Characteristics on Financial Distress of Deposit Taking SACCOs in Nairobi County, Kenya. *International Journal of Finance & Banking Studies*, 9(4), 97-110.
- Nderitu, J. W., Waiganjo, E., & Orwa, G. O. (2020). Investigating the effect of organizational culture on strategy implementation process of private chartered universities in Kenya. *International Journal of Research in Business and Social Science*, 9(3), 01-13.
- Ndiege, J. R. (2019). Social media technology for the strategic positioning of small and mediumsized enterprises: Empirical evidence from Kenya. *The Electronic Journal of Information Systems in Developing Countries*, , 85(2), e12069.
- Ni, G.; Xu, H.; Cui, Q.; Qiao, Y.; Zhang, Z.; Li, H.; Hickey, P.J. (2021). Influence Mechanism of Organizational Flexibility on Enterprise Competitiveness: The Mediating Role of Organizational Innovation. *Sustainability*, 13, 176. <u>https://dx.doi.org/10.3390/su13010176</u>

- Singh, S. K., Burgess, T. F., & Heap, J. (2016). Managing performance and productivity for organizational competitiveness. *International Journal of Productivity and Performance Management*, 3(3), 4-9.
- Sophia, O. M., & Owuor, D. (2015). Effects of strategic planning on organizational growth.(A case study of Kenya medical research institute, Kemri). *International Journal of Scientific and Research Publications*, 5(9), 1-15.
- Squires, F., Martin Hilber, A., & Cordero, J. P. (2020). Social accountability for reproductive, maternal, newborn, child and adolescent health: A review of reviews. *PloS one*, 15(10), e0238776.
- Stolk-Vos, A., De Korne, D., & Lamoureux, E. (2021). Multi-stakeholder perspectives in defining health services quality indicators and dimensions: a concept mapping based comparison for cataract care between Singapore and The Netherlands. *BMJ open*, 11(4), e046226.
- Suchman, L., Hart, E., & Montagu, D. (. (2018). Public–private partnerships in practice: collaborating to improve health finance policy in Ghana and Kenya. *Health policy and planning*, 33(7), 777-785.
- Suman, S., & Singh, S. (2020). Corporate governance mechanisms and corporate investments: evidence from India. *International Journal of Productivity and Performance Management*, 70(33), 635-656.
- Tipape, S., & Kepha, O. (2016). Effects of transformational leadership on governance in Kajiado County Government, Kenya. *International Journal of Scientific and Research Publications. Volume*, 6 (4), 577-582.
- Wangila, F., Namusonge, G. S., & Were, S. M. (2017). Influence of Technological Innovation on Public Sector Performance in Nairobi City County Government. *International Journal* of Novel Research in Marketing Management and Economics, 4(3), 164-169.
- Wanyama, R., Nambuswa, E., & Namusonge, G. (2016). Effect of leadership style on growth of national government constituency development fund projects in trans nzoia county, kenya. . American Based Research Journal, , 5(11), 59-68.
- Waweru, F. W., Memba, F. S., & Njeru, A. (2016). Relationship Between forward-looking information disclosure and Financial Performance of Non-Financial Firms Listed in Nairobi Securities Exchange, Kenya. *International Journal of Academic Research in Business and Social Sciences*, 6(11), 654-669.
- Zhu, L. & Cheung, S.O. (2017). Harvesting competitiveness through building organizational innovation capacity. *Journal of Management and Engineering*, 33.Zuñiga-Collazos, A., Castillo-Palacio, M. & Lina, M.P. (2019). Organizational Competitiveness: The Conceptualization and Its Evolution. *Journal of Tourism and Hospitality Management*, 7(1). 195-211. Zulfikar, R. L., Suhardjanto, D., & Ismail, T. (2020). Corporate

governance compliance in banking industry: The role of the board. *Journal of Open Innovation: Technology, Market, and Complexity*, 6(4), 137.