



**AGENCY BANKING PRACTICES, FINANCIAL LITERACY, AND FINANCIAL
INCLUSION IN PALLISA DISTRICT**

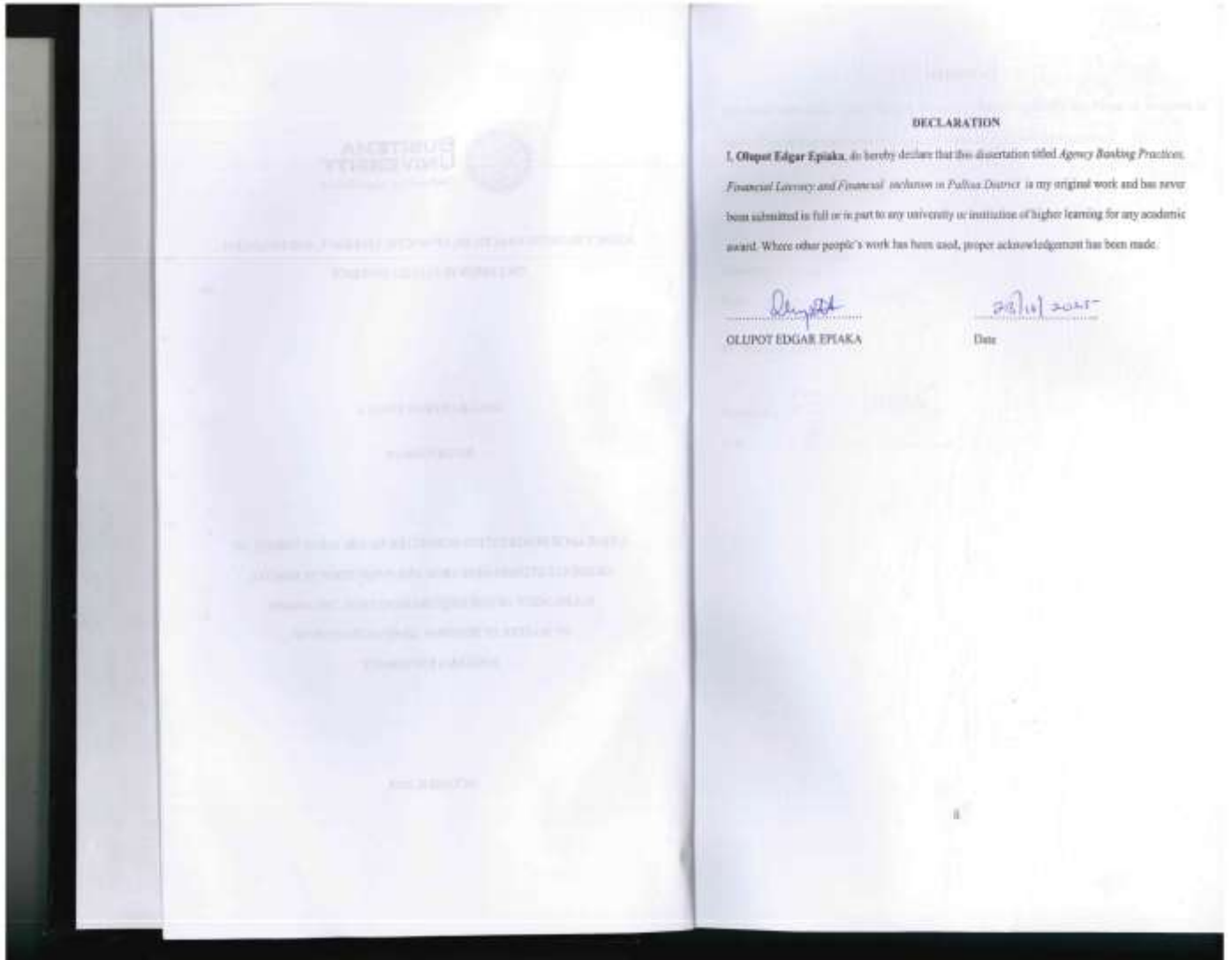
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OCTOBER, 2025

DECLARATION



APPROVAL

APPROVAL

This dissertation titled *Agency Banking Practices, Financial Literacy and Financial Inclusion in Pafine District* has been submitted with our approval as University supervisors

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DEDICATION

This dissertation work is dedicated to my loving wife and children, whose unwavering support, patience, and encouragement have been the foundation of my academic journey.

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LIST OF ACRONYMS/ABBREVIATION

ADFI:	Africa Digital Financial Inclusion facility.
AFI:	Alliance of Financial Inclusion.
ATM:	Automated Teller Machines.
CVI:	Content Validity Index
ESBG:	European Savings and Retail Banking Group.
FIA:	Financial Institutions Act
FI:	Financial Inclusion
FSD:	Financial Sector Deepening
FSDU:	Deepening Financial Sector Uganda
ICT:	Information and Communication
MOLG:	Ministry of Local Government
NFIS:	National Financial Inclusion Strategy
NGOs:	Non-Governmental Organizational
OECD:	Organisation Economic Co-Operation and Development.
PDM:	Parish Development Model
SACCO:	Savings and Credit Co-operative Organization
SPSS:	Statistical Package of the Social Sciences

UBOS: Uganda Bureau of Statistics.

ULCI: Upper limit confidence interval

LLCI: Lower Limit Confidence Interval

VLSA: Village Savings and Loan Associations.

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ABSTRACT

This study investigated the mediating role of financial literacy in the relationship between agency banking practices and financial inclusion in Pallisa district. Anchored on public good theory and dissatisfaction theory of financial inclusion (Ozili, 2020), the study investigated the relationship between agency banking practices, financial literacy, and financial inclusion. From a population of 300, the study derived a sample of 169 which yielded a response rate of 90.5%. Data was collected using a structured questionnaire and analyzed using SPSS v 27. The researcher used descriptive statistics, correlation, regression, and mediation analysis to analyse data. The findings revealed that there is a positive and significant relationship between agency banking practices and financial inclusion ($r=0.631$, $p<0.01$). Additionally, financial literacy was significantly associated with financial inclusion ($r=0.681$, $p<0.01$) and was positively influenced by agency banking practices ($r=0.527$, $p<0.01$). Furthermore, financial literacy mediated the relationship between agency banking practices and financial inclusion. Based on the findings, the study concluded that financial literacy is a mechanism that explains the relationship between agency banking practices and financial inclusion in Pallisa district. Therefore, the study recommends the expansion of the agency banking networks alongside robust financial literacy programs to enhance financial inclusion.

CHAPTER ONE

INTRODUCTION

1.0 Introduction

The chapter shows the background of the study, Statement of the problem, study objectives, study hypothesis, scope of the study significance of the study, and Conceptual framework

1.1 Background to Study

Financial inclusion has become a major concern for policymakers in developing countries (Fanta & Mutsonziwa, 2021; Goenadi et al., 2022; Khan et al., 2022) due to inadequate access to services like savings, accounts, and bill payments, which hinders economic prosperity and poverty reduction for the poor and vulnerable (Xiaoyan, 2020). According to the Global Findex database (2021), access to financial services enables households and businesses to withstand shocks, boost income for low earners, sustain informal businesses, and create productive employment, improving living standards (World Bank, 2023). Uganda's government adopted financial inclusion as a pillar in its Parish Development Model (PDM), combating exclusion through literacy programs and services like agent banking and SACCOs (MOLG, 2021). However, challenges persist despite these benefits (Fanta & Mutsonziwa, 2021; Girón et al., 2022; Goenadi et al., 2022).

The World Bank (2023) defines financial inclusion as the ability of individuals and businesses to access useful, affordable financial products and services including transactions, payments, savings, credit, and insurance delivered responsibly and sustainably. Without this access, individuals are financially excluded (Okello et al., 2020). Financial inclusion empowers previously excluded groups, like youth and women, enabling their economic participation (Mushtaq et al., 2023).

REFERENCES

- Arpit, S. (2023, 6 12). PANAMAX, INC. Retrieved from <https://www.panamaxil.com/blog/the-current-scenario-of-agency-banking-in-developing-nations>
- Asyik, N. F., Wahidahwati, & Laily, N. (2022). The Role of Intellectual Capital in Intervening Financial Behavior and Financial Literacy on Financial Inclusion. *WSEAS Transactions on Business and Economics*, 19, 805–814. <https://doi.org/10.37394/23207.2022.19.70>
- Ayadi, O. F. (2023). Agency Banking In Nigeria; Impact and Impediments. *Small Enterprises Development, Management & Extension Journal*. <https://doi.org/10.1177/09708464231195916>
- Barasa, D. A., & Mwirigi, F. M. (2013). The Role of Agency Banking in Enhancing Financial Sector Deepening in Emerging Markets: Lessons from the Kenyan Experience. *European Journal of Business and Management*, 5(21), 27-34. Retrieved from url=<https://api.semanticscholar.org/CorpusID:54669274>
- Bhatia, N., & Arnav, C. (2010). “Financial Inclusion in the Slums of Mumbai.”. *Economic and Political Weekly*. Retrieved 10 24, 2024, from <http://www.jstor.org/stable/20787468>
- Bongomin, G. O. (2018). "Nexus between financial literacy and financial inclusion: Examining the moderating role of cognition from a developing country perspective". *International Journal of Bank Marketing*, 36(7). Retrieved from <https://doi.org/10.1108/IJBM-08-2017-0175>
- Bryman, A. (2020). *Research Methods and Organization Studies*. Routledge.
- Byrne, D. (2002). *Interpreting Quantitative Data (First)*. Sage Publications.
- Çera, G. K. (2020). Improving financial capability: the mediating role of financial behaviour. *Economic Research*. <https://doi.org/10.1080/1331677X.2020.1820362>
- Choudhury, T. A., & Barnajee, P. K. (2018). Round table discussion series. *Agent Banking: Effectiveness in financial Inclusion*, 3, 3.
- Chu, Z. W. (2017). Financial literacy, portfolio choice and financial well-being, *Social Indicators Research*. 799–820. <https://doi.org/https://doi.org/10.1007/s11205-016-1309-2>
- Cicchello, A. F. (2021, MAY 12). Financial inclusion and development in the least developed countries in Asia and Africa. *Journal of Innovation and*, 10(1). <https://doi.org/10.1186/s13731-021-00190-4>

- Creswell, J. W. (2014). *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches* (4th ed.). SAGE Publications.
- Creswell, J. W., & Creswell, D. J. (2018). Writing center talk over time: A mixed-method study. In *Writing Center Talk over Time: A Mixed-Method Study*. <https://doi.org/10.4324/9780429469237>
- Demirgüç-Kunt, A., & Klapper, L. (2012). *Financial Inclusion in Africa: An Overview, Policy Research Working Papers*. Retrieved from <https://hdl.handle.net/10986/9335>
- Demirgüç-Kunt, A., & Klapper, L. S. (2018). *Global fndex database 2017, Measuring financial inclusion and the fintech revolution*. World Bank, New York.
- Demirgüç-Kunt, A., Klapper, L., Singer, D., & Ansar, S. (2021). *The Global Findex Database 2021. Financial Inclusion, Digital Payments, and Resilience in the Age of COVID-19*, 2-3.
- Ebong, J., & Babu, G. (2021). Financial Inclusion through Digital financial services (DFS): A Study in Uganda. *Journal of Risk & Financial management*, 14(393), 4. <https://doi.org/10.3390/jrfm14090393>
- ESBG. (2022). Number of unbanked adult EU citizens more than halved in the last four years. European Savings and Retail Banking Group (ESBG). Retrieved July 14, 2022, from <https://www.wsbi-esbg.org/>
- Fanta, A., & Mutsonziwa, K. (2021). Financial Literacy as a Driver of Financial Inclusion in Kenya and Tanzania. *Journal of Risk and Financial Management*, 14(11). <https://doi.org/10.3390/jrfm14110561>
- FSD. (2017). *Agency Banking in Uganda; An assesment of Potential challenges and Opportunities*. Retrieved from https://fsduganda.or.ug/wp-content/uploads/2017/09/2017_Agency_Banking_in_Uganda_An_Assessment_of_the_Potential_Challenges_and_Opportunities.pdf
- FSD. (2022). *The Shared Agent Banking Platform is Increasing Financial Inclusion in Uganda*. Retrieved from <https://fsduganda.or.ug/the-shared-agent-banking-platform-is-increasing-financial-inclusion-in-uganda/>
- FSD Uganda. (2018). *Report on banking and the status of financial inclusion in Uganda: Insights from FinScope 2018 Survey*. Kampala. Retrieved from <https://fsduganda.or.ug/wp-content/uploads/2019/05/FSDU-Thematic-Report-on-Banking.pdf>

- Galiani, S., Gertler, P., & Navajas-Ahumada, C. (2022). Trust and saving in financial institutions by the poor. *Journal of Development Economics*, 159. <https://doi.org/10.1016/j.jdeveco.2022.102981>
- Girón, A., Kazemikhasragh, A., Cicchiello, A. F., & Panetti, E. (2022). Financial Inclusion Measurement in the Least Developed Countries in Asia and Africa. *Journal of the Knowledge Economy*, 13(2), 1198–1211. <https://doi.org/10.1007/s13132-021-00773-2>
- Goenadi, G. F., Murhadi, W. R., & Ernawati, E. (2022). The Influence of Financial Literacy on Financial Inclusion: Social Capital as Mediating Variable. *Media Ekonomi Dan Manajemen*, 37(2), 195. <https://doi.org/10.24856/mem.v37i2.2738>
- Hasan, M., Le, T., & Hoque, A. (2021). How does financial literacy impact on inclusive finance? *Financial Innovation*, 7(1), 7–40. <https://doi.org/10.1186/s40854-021-00259-9>
- Hassan, M. K. (2009). Financial literacy and financial inclusion in Bangladesh. *Journal of Islamic Economics, Banking and Finance*, 5(2), 1-28.
- Holtom, B., Baruch, Y., Aguinis, H., & A Ballinger, G. (2022). Survey response rates: Trends and a validity assessment framework. *Human Relations*, 75(8), 1560–1584. <https://doi.org/10.1177/00187267211070769>
- Idoko, E. C., & Chukwu, M. A. (2022, June 12). Does Agency Banking Trigger Financial Inclusion? Perspective of Residents in Rural Setting. *Scholars Bulletin*, 8(6), 1-10. <https://doi.org/10.36348/sb.2022.v08i06.002>
- Jackson, S. L. (2021). *Research Methods and Statistics: A Critical Thinking Approach (Third)*. Anne Draus, Scratchgravel Publishing Services.
- Jaiswal, P. a. (2019). Business correspondent Agents for Promoting Financial inclusion: A Study of the Glitches and Gaps in Appointment & Operations. *International Journal of Research and Analytical Reviews*, 6(2), 566-579.
- Jappelli, T. (2010). Financial Literacy: An International Comparison. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.1716784>
- Josephat, L. (2016). The Role of Agency Banking in Promoting Financial Inclusion: Descriptive Analytical Evidence from Tanzania. *European Journal of Business and Management*, 234-240. Retrieved from https://www.researchgate.net/publication/313918022_The_Role_of_Agency_Banking_in_Promoting_Financial_Inclusion_Descriptive_Analytical_Evidence_from_Tanzania

- Kampungure, J. (2020). Communication Strategies, Financial Literacy and Financial Inclusion. *Ugandan Journal of Management and Public Policy* 16(19), 101–113. <https://ojs.umi.ac.ug/index.php/ujmpps/article/view/65%0Ahttps://ojs.umi.ac.ug/index.php/ujmpps/article/download/65/44>
- Khan, F., Siddiqui, M. A., & Imtiaz, S. (2022). Role of financial literacy in achieving financial inclusion: A review, synthesis and research agenda. *Cogent Business and Management*, 9(1). <https://doi.org/10.1080/23311975.2022.2034236>
- Kilimo Trust. (2020, January). Financial Literacy Manual. Retrieved from <https://agra.org/wp-content/uploads/2020/03/CARI-EA-Financial-literacy-manual.pdf>
- Klapper, L. L. (2013). Financial literacy and its consequences: Evidence from Russia during the financial crisis. *Journal of Banking & Finance*, 39(5), 3905–3923. <https://doi.org/10.1016/j.jbankfin.2013.07.014>
- Klapper, L., & Lusardi, A. (2020). Financial literacy and financial resilience: Evidence from around the world. *Financial Management*.
- Koomson, I., Koomson, P., & Abdul-Mumuni, A. (2023). Trust in banks, financial inclusion and the mediating role of borrower discouragement. *International Review of Economics and Finance*, 88(May 2021), 1418–1431. <https://doi.org/10.1016/j.iref.2023.07.090>
- Kothari, C. (2004). *Research Methodology; Methods and Techniques* (Second Edition, Vol. 17). New Age International Ltd.
- Krejcie, & Morgan. (1970). Determining sample size for research activities. *Educational and Psychological Measurement*, 30(3), 607–610. <https://doi.org/https://doi.org/10.1177/001316447003000308>
- Kumar, Y., Singh, V., & Sethi, M. (2020). Determinants of Successful Financial Inclusion in Low-Income Rural Population. *The Indian Economic Journal*, 68(1), 82–100. <https://doi.org/10.1177/0019466220962057>
- Kwesiga, J. (2018). Navigating Challenges: The Landscape of Agency Banking in Uganda. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.4870335>
- Li, R. a. (2020). Entrepreneurial participation and performance: the role of financial literacy. *Management Decision*. <https://doi.org/10.1108/MD-11-2018-1283>
- Lisa, X., & Zia, B. (2012). *Financial Literacy around the World: An Overview of the Evidence with Practical Suggestions*. Policy Research Working Paper 6107. Retrieved

from <https://documents1.worldbank.org/curated/en/264001468340889422/pdf/WPS6107.pdf>

- Lusardi, A., & Messy, F.-A. (2023). The importance of financial literacy and its impact on financial wellbeing. *Journal of Financial Literacy and Wellbeing*, 1(1), 1–11. <https://doi.org/10.1017/flw.2023.8>
- Lusardi, A., & Mitchell, O. S. (2014). The economic importance of financial literacy: Theory and evidence. *Journal of Economic Literature*, 5 - 44. <https://doi.org/10.1257/jel.52.1.5>
- Lusardi, A., Michaud, P.-C., & Mitchell, O. (2017). Optimal Financial Knowledge and Wealth Inequality. *Journal of Political Economy*. <https://doi.org/10.1086/690950>
- Lyons, A. C., & Kass-Hanna, J. (2021). Financial Inclusion, Financial Literacy and Economically Vulnerable Populations in the Middle East and North Africa. *Emerging Markets Finance and Trade*, 57(9), 2699–2738. <https://doi.org/10.1080/1540496X.2019.1598370>
- Malinda, S., Masyita, D., Rahman, S., & Anwar, M. (2018). Financial literacy and work engagement as mediating variable to bank agent's performance. *European Research Studies Journal*, 21(Special Issue 3), 503–518. <https://doi.org/10.35808/ersj/1403>
- Martin M. Lwanga, J. O. (2022). Agent Banking services & Financial Inclusion in Uganda, a case study of Mbarara and Hoima Districts. Retrieved from <https://fsduganda.or.ug/wp-content/uploads/2022/07/Agent-Banking-in-Western-Uganda-Report-June-2022.pdf>
- MOLG. (2021). Implementation Guidelines for Parish Development Model.
- Munyengabe, A. (2018). Agency Banking and Accessibility to Financial Services : A Survey of Commercial Banks in the Northern Province of Rwanda. *International Journal of Innovative Research Development*, 7(7), 397–411.
- Mushtaq, R., Dastane, O., Rafiq, M., & Başar, B. D. (2023). Women financial inclusion research: a bibliometric and network analysis. *International Journal of Social Economics*, 50(8), 1169–1185. <https://doi.org/10.1108/IJSE-06-2022-0438>
- Mutlu, Ü., & Gökhan, Ö. (2021). The moderator effect of financial literacy on the relationship between locus of control and financial behavior. <https://doi.org/10.1108/K-01-2021-0062>
- Mwangi, W. (2014). Factors influencing the uptake of agency banking services by customers in commercial bank in Kenya. *The Strategic Journal of Business and Change Management*.
- Neuman, L. (2019). *Basics of Social Research: Qualitative and Quantitative approaches* (1st ed., Vol. 21, Issue 1). <http://journal.um-surabaya.ac.id/index.php/JKM/article/view/2203>

- Nisha, N., & Bushra, A. (2020, JANUARY 1). Agent Banking and Financial Inclusion: The Case of Bangladesh. *International Journal of Asian Business and Information Management*, 11. <https://doi.org/10.4018/IJABIM.2020010108>
- Nkuna, O. L. (2018). The Role Of Commercial Banks on Financial Inclusion in Malawi. *Open Journal of Business and Management*, 6(4).
- Norman, B. (2022). *Analyzing Quantitative Data (First)*. Sage Publications.
- OECD. (2013). Financial literacy and inclusion. *Financial literacy & education*. Organisation for Economic Co-operation and Development. <https://doi.org/https://doi.org/10.1787/9789264254855-en>
- Okello, G., Munene, J., & Yourougou, P. (2020). Examining the role of financial intermediaries in promoting financial literacy and financial inclusion among the poor in developing countries: Lessons from rural Uganda. *Cogent Economics and Finance*, 8(1). <https://doi.org/10.1080/23322039.2020.1761274>
- Okello, G., & Ntayi, J. (2018). Mobile Money and Financial Inclusion in Sub-Saharan Africa: the Moderating Role of Social Networks. *Journal of African Business*, 19(3), 361–384. <https://doi.org/10.1080/15228916.2017.1416214>
- Okello, G., & Ntayi, J. (2020). Trust: mediator between mobile money adoption and usage and financial inclusion. *Social Responsibility Journal*, 16(8), 1215–1237. <https://doi.org/10.1108/SRJ-01-2019-0011>
- Okwakol, L. (2022). Operations of Pallisa teachers' SACCO halted. *Second Opinion*, Publishers. <https://www.secondopinion.co.ug/operations-of-pallisa-teachers-sacco-halted/>
- Ozili, P. K. (2020). Theories of Financial Inclusion. *Uncertainty and Challenges in Contemporary Economic Behaviour*, 89–115. <https://doi.org/10.1108/978-1-80043-095-220201008>
- Pandey, A., Kiran, R., & Sharma, a. R. (2022). Investigating the Impact of Financial Inclusion Drivers, Financial Literacy and Financial Initiatives in Fostering Sustainable Growth in North India. *Journal of Political Economy*, 14(17), 1-22.
- Parveen, H., & Showkat, N. (2017). Research Ethics. *International Business Research*, 1(2), 12–30.
- Rahman, B. (2016). The impact of agency banking to the development of SME sector; The case of Bangladesh. *World Journal of Social Sciences*, 6(3).
- Ros, G. (2013). Responsible Finance website. Retrieved from responsiblefinance.worldbank.org.

- Rukundo, G., & Hakizimana, E. (2020). Agency banking transactions and performance of commercial banks in Rwanda. *East African Journal of Science and Technology*, 10(3), 85–89.
- Sai, K. J. (2017). Agency Banking: New frontiers in Financial Inclusion. Retrieved from <https://www.edgeverve.com/wp-content/uploads/2018/12/agency-banking-new-frontiers.pdf>
- Salma, U. (2022). Agent Banking: An Agent of Financial Inclusion in Bangladesh. *Global Journal of Management and Business Research: Business Economics & Research*.
- Sanderson, A., Mutandwa, L., & Le Roux, P. (2018). Review of determinants of financial inclusion. *International Journal of Economics and Financial Issues*, 8(3), 1–8. <http://www.econjournals.com>
- Saunders, M., Lewis, P., & Thornhill, A. (2019). *Research Methods for Business Students* (8th ed.). Pearson Education.
- Sendyona, C. C., & Mercerina, N. (2024). An Assessment of the Effectiveness of Agency Banking Interventions in Deepening Financial Inclusion: A Case Study of Centenary Bank Uganda. *European Journal of Accounting, Auditing and Finance Research*, 12(10), 1-18. Retrieved from <https://ejournals.org/ejaaf/vol12-issue10-2024/an-assessment-of-the-effectiveness-of-agency-banking-interventions-in-deepening-financial-inclusion-a-case-study-of-centenary-bank-uganda/>
- Setiawan, A., Salim, U., & Khusniyah, N. (2021). the Mediating Role of Social Capital in the Relationship Between Financial Literacy and Financial Inclusion. *Jurnal Aplikasi Manajemen*, 19(4), 782–790. <https://doi.org/10.21776/ub.jam.2021.019.04.07>
- Smith, T., & Smith, S. (2018). Reliability and Validity of the Research Methods Skills Assessment. *International Journal of Teaching and Learning in Higher Education*, 30(1), 80–90. <http://www.isetl.org/ijtlhe/>
- Surucu, L., & Maslakoi, A. (2020). Validity and Reliability in Quantitative Research. *Business & Management Studies: An International Journal*, 8(3), 2694–2726. <https://doi.org/10.15295/bmij.v8i3.1540>
- Tavakol, D. R. (2011). Making sense of Cronbach's alpha. *International Journal of Medical Education*. <https://doi.org/10.5116%2Fijme.4dfb.8dfd>

- UBA. (2024). Agent Banking in Northern Uganda, An impact Analysis. Uganda Bankers Association. Retrieved from <https://ugandabankers.org/wp-content/uploads/2024/01/Agent-Banking-Impact-Study-Report.pdf>
- Uganda Bureau of Statistics (UBOS). (2021). Uganda National Household Survey 2019/2020. Kampala, Uganda.
- Ummay, S. K. (2022). Agent Banking: An Agent of Financial Inclusion in Bangladesh. *Global Journal of Management and Business Research: B Economics And Commerce*, 22(6).
- Upasana Sharma, B. C. (2022). Dimensions of global financial inclusion and their impact on the achievement of the United Nations Development Goals., Volume 22(Issue 6). <https://doi.org/10.1016/j.bir.2022.08.010>.
- Ventura, L. (2021, February 17). World most unbanked countries. Retrieved from <https://gfmag.com/data/worlds-most-unbanked-countries/>
- Vieira, K. M., Moreira Júnior, F. D. J., & Potrich, A. C. G. (2020). Measuring financial literacy: proposition of an instrument based on the Item Response Theory. *Ciência e Natura*, 42, e38. <https://doi.org/10.5902/2179460x39864>
- Were, M., & Odongo, C. I. (2021). Gender disparities in financial inclusion in Tanzania (2021/97). Econstor.
- World-Bank. (2023). Investment shift and demand shortfalls. <https://thedocs.worldbank.org/en/doc/cf2c1298e77c50bf1f1e7954ff560bc6-0070012023/original/China-Economic-Update-Dec23-EN.pdf>
- Xiaoyan, X. (2020). Trust and financial inclusion: A cross-country study. *Journal of Finance Research*, 35(3),
4. <https://www.sciencedirect.com/science/article/pii/S1544612319303915>