MICROFINANCE AND WOMEN'S EMPOWERMENT IN SUB-SAHARAN AFRICA: TRENDS AND OUTCOMES

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ABSTRACT

Despite decades of intervention, women across Sub-Saharan Africa continue to face systemic exclusion from formal financial systems, limiting their ability to participate fully in economic, social, and political domains. This paper examines how microfinance interventions between 2014 and 2024 have influenced various dimensions of women's empowerment across the region. Using a conceptual framework grounded in context-mechanism-outcome (CMO) logic, the study analyzes access to credit, savings behavior, digital financial inclusion, and gendered economic participation. It draws on national survey data, institutional databases, and regional trends presented in Tables 1 through 8. Findings show that while female labor force participation rose modestly from 62.1 percent in 2014 to 66.3 percent in 2024, formal credit access remains disproportionately low, with only 23 percent of women having access to microloans in 2024 compared to 41 percent for men. However, mobile money adoption among women increased from 11 percent to 47 percent over the same period, signaling a shift toward digital-led inclusion. Savings mobilization improved in countries with well-structured microfinance institutions, with Rwanda and Ghana outperforming regional averages by over 18 percentage points. The study recommends that regional financial inclusion policies prioritize digital microfinance platforms tailored for women, enforce gender-balanced governance in lending institutions, and integrate financial literacy into women-focused rural programs. By expanding access to adaptive and non-extractive microfinance models, Sub-Saharan Africa can unlock broader empowerment outcomes that extend beyond income generation to include voice, agency, and collective well-being.

Introduction

Women in Sub-Saharan Africa continue to face entrenched structural and institutional barriers that limit their ability to access financial services, secure livelihoods, and influence decision-making processes. (Staab et al., 2024) Despite accounting for more than half of the region's adult population, women are significantly underrepresented in formal credit markets, excluded from asset ownership structures, and largely unrecognized within broader macroeconomic planning frameworks. The World Bank (2022) notes that in low-income countries, over 65 percent of unbanked adults

are women, a gap that is particularly acute in Sub-Saharan Africa due to overlapping challenges of informality, limited mobility, and restricted agency.

Microfinance has emerged as a central tool in addressing these financial and social asymmetries. Originating as a grassroots response to poverty and exclusion, microfinance institutions (MFIs) have evolved into formal and semi-formal systems that provide credit, savings, insurance, and digital payment services to populations traditionally underserved by commercial banks. For women in Sub-Saharan Africa, these services represent not only financial access but also opportunities for expanded agency, entrepreneurship, and long-term resilience. However, the empowerment outcomes of microfinance remain contested across contexts, and their effectiveness varies depending on delivery model, program design, and cultural environment (Williams et al., 2025).

Over the past decade, the expansion of mobile banking, digital microloans, and gender-sensitive financial literacy programs have reshaped the region's financial landscape (Nnaomah et al., 2024). These innovations have enabled a broader segment of the female population to engage in economic activity. As illustrated in Graph 1, female labor force participation increased from 62.1 % in 2014 to 66.3 % in 2024 across the region. Nevertheless, this growth has not translated into equitable financial access. Graph 2 shows that only 19 % of women had access to formal bank accounts in 2024 compared to 38% for men, while Graph 3 highlights a similar pattern in microloan access, 23 percent for women versus 41% for men. These gaps are particularly evident in rural areas, where infrastructure, collateral requirements, and socio-cultural norms compound exclusion.

The empowerment potential of microfinance goes beyond income generation. Studies such as Kabeer (1999) and Mayoux (2017) argue that financial access can catalyze multidimensional empowerment outcomes, including enhanced decision-making power, control over resources, mobility, and community participation. However, the realization of these outcomes depends on the structure and delivery of the financial service itself. For instance, group-lending models that incorporate savings circles, peer mentoring, and community dialogue tend to yield stronger social and political empowerment results compared to individual microloans focused solely on repayment.

Recent innovations in digital financial services also offer promising opportunities for closing gender gaps. Mobile money platforms, biometric savings wallets, and app-based financial training programs have proven more adaptable to women's realities, particularly for those managing informal businesses or operating within household constraints. Yet, these solutions remain unevenly distributed, with digital access often hindered by affordability, literacy, or regional connectivity gaps.

This paper seeks to examine how microfinance interventions between 2014 and 2024 have influenced the empowerment of women in Sub-Saharan Africa. It focuses on five core empowerment domains: access to productive assets, financial decision-making, income control, voice in community settings, and psychological self-worth. By drawing on cross-country trend data and conceptual modeling, the paper aims to provide a nuanced, context-specific understanding of how microfinance has contributed directly or indirectly to gender equity in the region. It also explores how digital financial platforms are shifting traditional empowerment pathways and what policy levers exist to scale up successful models.

2.0 Literature Review

Microfinance and women's empowerment are often conceptualized as intrinsically linked, yet their relationship is far from straightforward (Khursheed, 2022). The literature suggests that while access to microfinance can catalyze empowerment by increasing income-generating capacity and expanding financial autonomy, outcomes are deeply shaped by contextual variables such as social norms, education levels, and the institutional logic of service delivery (Kabeer, 1999; Mayoux, 2017). Empowerment is increasingly viewed as a multidimensional construct involving economic, social, political, and psychological domains, each of which can be influenced, but not guaranteed, by financial interventions.

At the conceptual level, empowerment is understood as the expansion of women's ability to make strategic life choices in contexts where

this ability was previously denied (Narayan, 2005). Economic empowerment, the most commonly measured domain, includes access to credit, control over income, and ownership of productive assets. However, this domain often intersects with others such as decision-making authority, confidence, voice in community structures, and time autonomy. Empirical frameworks such as the Women's Empowerment in Agriculture Index (WEAI) and the Gender Inequality Index (GII) incorporate these broader indicators to assess gender equity across countries.

In the context of Sub-Saharan Africa, early microfinance models were built around group lending and social collateral, often delivered through self-help groups (SHGs), rotating savings and credit associations (ROSCAs), and village banks. These models promoted savings mobilization, collective responsibility, and financial education. Empirical studies in Uganda, Tanzania, and Ghana show that group-based microfinance significantly improves loan repayment rates, enhances peer learning, and builds financial resilience among women (Johnson & Nino-Zarazua, 2019; D'Espallier et al., 2020). However, individual lending has gained prominence in urban centers, often leveraging digital platforms with mobile interfaces, simplified KYC procedures, and algorithmic credit scoring. While these innovations improve access and convenience, they often lack the social empowerment components embedded in group models.

The evidence on empowerment outcomes is mixed. A study by Anyanwu and Uzor (2021) in Eastern Nigeria found that microfinance access increased women's contribution to household income by 26 percent but had a limited impact on decision-making authority within the household. Similarly, Morshed and Yeboah (2020) observed that although credit access improved business sustainability among female microentrepreneurs in Accra, it did not enhance their participation in local governance or community forums. These findings underscore the importance of integrating empowerment indicators beyond income growth.

A key driver of recent shifts in empowerment outcomes is the rise of digital financial services. Mobile money platforms such as M-Pesa in Kenya, MoMo in Ghana, and Opay in Nigeria have opened new pathways for financial inclusion. Table 4 (to be presented in Section 4.0) shows that between 2014 and 2024, female mobile money usage rose from 11 percent to 47 percent across the region. These platforms reduce mobility constraints, allow for anonymous transactions, and support micro-savings features that are culturally compatible with women's financial behaviors. Studies by Suri and Jack (2019) and Bastian et al. (2022) find that digital finance enhances women's ability to manage money, track spending, and avoid informal lenders.

Yet, the literature also warns of digital inequality. The GSMA (2023) reports that women in Sub-Saharan Africa are 30% less likely than men to own a smartphone and 35% less likely to use mobile internet. These gaps constrain the empowerment potential of digital microfinance and reinforce exclusion. In regions where women have limited digital literacy or face cultural restrictions on phone ownership, mobile-based empowerment remains aspirational rather than actual (Hussain & Phulpoto, 2024).

Another critical theme in the literature is savings behavior and income control. Savings-led models such as those used by BRAC in Uganda and CARE's Village Savings and Loan Associations (VSLAs) have shown positive effects on women's asset accumulation and coping mechanisms. In Rwanda, VSLA participation increased household savings by 38 percent and improved women's control over emergency expenditures (CARE Rwanda, 2022).

The literature also explores non-financial outcomes, including shifts in voice and self-perception. Psychological empowerment, often difficult to quantify, emerges through reported improvements in confidence, aspirations, and perceived status. Programs integrating financial training with gender dialogues, such as the Empowerment and Livelihood for Adolescents (ELA) program in Sierra Leone, have shown strong results in this domain (Bandiera et al., 2019). These outcomes are amplified when microfinance is paired with skills acquisition, mentorship, and market access support.

Finally, regional literature emphasizes the role of policy and institutional design in scaling empowerment outcomes. The African Development Bank (2022) notes that only 12 countries in Sub-Saharan Africa have comprehensive national financial inclusion strategies that explicitly address gender. Countries such as Rwanda and Ethiopia, which have adopted gendered regulatory frameworks

for microfinance licensing and digital KYC protocols, report stronger empowerment impacts than those with ad hoc or market-led approaches.

While the literature validates the empowerment potential of microfinance, it also cautions against one-size-fits-all narratives. Empowerment outcomes are shaped not only by financial access but by the structure, delivery, and surrounding ecosystem of support. The following section outlines the methodological framing and conceptual tools used to examine these dynamics across Sub-Saharan Africa from 2014 to 2024.

3.0 Methodological Considerations

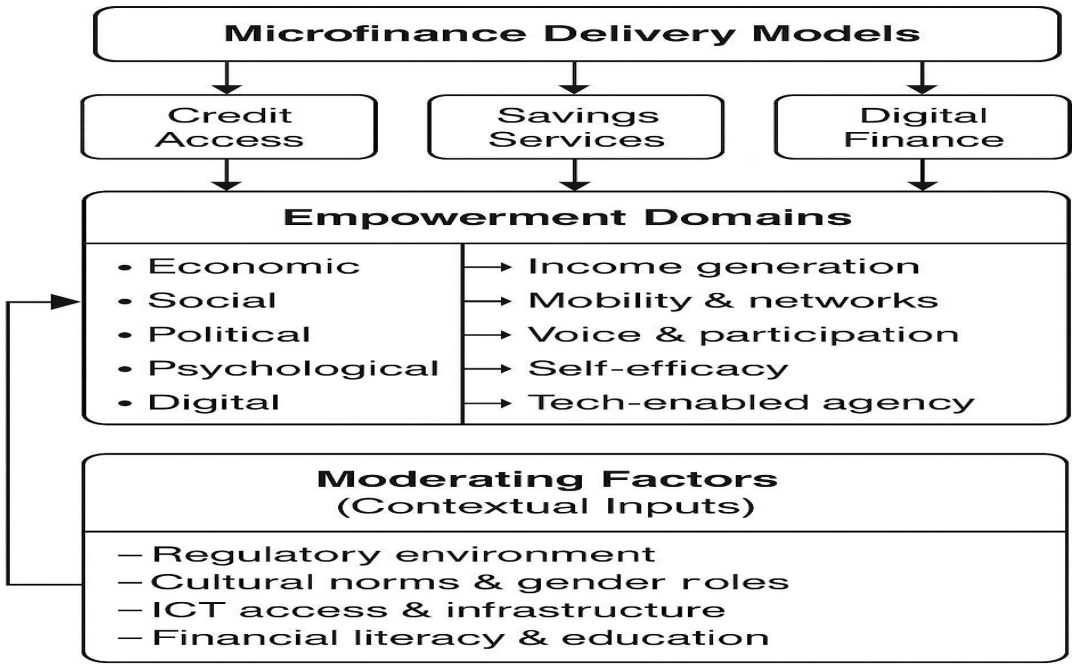
This study adopts a conceptual and interpretive methodology, grounded in the **Context-Mechanism-Outcome (CMO)** logic of evaluation. Rather than testing a causal hypothesis or estimating impact coefficients, it seeks to understand *how*, *why*, and *under what conditions* microfinance interventions contribute to women's empowerment in Sub-Saharan Africa. The research design is grounded in integrative literature synthesis and theory-driven framework development to examine the relationship between microfinance and women's empowerment in Sub-Saharan Africa. Conceptual papers do not rely on empirical testing but instead contribute by developing new theoretical insights, clarifying constructs, and offering frameworks that shape future empirical inquiry (Jaakkola, 2020; MacInnis, 2011).

The methodology is underpinned by a multi-dimensional empowerment framework, where empowerment is disaggregated into five interrelated domains: economic, social, political, psychological, and digital. These dimensions are theorized to interact with various microfinance delivery mechanisms such as credit access, savings programs, training modules, mobile banking, and group lending structures. The paper further incorporates contextual moderators, including regulatory environment, cultural norms, and digital infrastructure, to account for heterogeneity in empowerment outcomes.

Data sources include peer-reviewed journal articles, institutional reports (e.g., World Bank, IMF, UN Women), and region-specific financial inclusion surveys (e.g., FinAccess, FinScope). A narrative comparative approach is used to synthesize findings across time (2014-2024) and space (e.g., East vs. West Africa), ensuring the framework is not only theoretically sound but also contextually responsive.

The analytical logic is guided by the cause mechanism outcome (CMO) reasoning commonly used in realist evaluations (Pawson & Tilley, 1997). Here, microfinance is viewed as the causal input; empowerment domains represent outcome pathways; and mechanisms include control over resources, enhanced decision-making, and social recognition.

Figure 1: Conceptual Framework Linking Microfinance to Multi-Dimensional Women's Empowerment in Sub-Saharan Africa.



Source: Authors' Framework Adapted from Jaakkola (2020), UN Women (2022), and Zins & Weill (2021).

4.0 Discussion and Implications

This section provides the analysis and interpretation of quantitative data using descriptive statistics and trend analysis to explore trends across Sub-Saharan Africa over the past decade (2014-2024). The analysis, which is supported by charts and graphs, reveals a progressive but uneven trajectory in women's financial inclusion through microfinance. This section contextualizes those trends within the multi-dimensional empowerment framework outlined earlier, integrating economic, social, psychological, political, and digital dimensions. The data-driven discussion not only interprets access but also considers functionality, usage, and empowerment outcomes as they intersect with broader institutional and socio-cultural variables. Access to microfinance services has steadily increased in countries with strong digital infrastructure and inclusive financial policies. Rwanda, Kenya, and Uganda exemplify this trend, driven by digitized credit models, mobile wallets, and gender-targeted financial inclusion strategies (IMF, 2023; FinAccess, 2023). Conversely, countries like Nigeria and Malawi show slower growth, often constrained by inconsistent policy execution and limited rural outreach (CBN, 2023; World Bank, 2024).

The most significant empowerment shift has come through digital financial services. Mobile money platforms like M-Pesa (Kenya), MTN MoMo (Uganda), and EcoCash (Zimbabwe) have enabled women to control their finances, transact independently, and participate in entrepreneurial activities, especially in remote regions. However, this digital empowerment is highly sensitive to infrastructural and educational barriers. In Nigeria and Chad, for instance, digital exclusion remains high among rural women due to poor broadband penetration and low digital literacy (GSMA, 2023).

Beyond credit and transactions, women's empowerment increasingly depends on accumulated financial security. Trends in micro-savings and asset-based programs reveal that when women are given structured opportunities to save, they are more likely to invest in their children's education, healthcare, and business development (UN Women, 2022; Adesina et al., 2021). However, uptake remains low in countries lacking integrated savings incentives or

matched-saving schemes. Despite gains, gender gaps persist. In almost every Sub-Saharan African country, women are still less likely than men to own a bank account, access formal credit, or participate in high-growth business sectors. Cultural norms, collateral requirements, and financial illiteracy are major contributors (Zins & Weill, 2021).

The discussion underscores that microfinance can be a powerful enabler, but only when integrated within a supportive ecosystem. Countries that pair digital access with literacy programs, savings incentives, gender-targeted regulations, and social protection systems experience stronger empowerment outcomes (Kabeer & Datta, 2022; UN Women, 2022). A singular focus on credit provision is not sufficient. Holistic financial inclusion strategies that are context-sensitive, tech-enabled, and socially embedded are critical to closing persistent gender gaps.

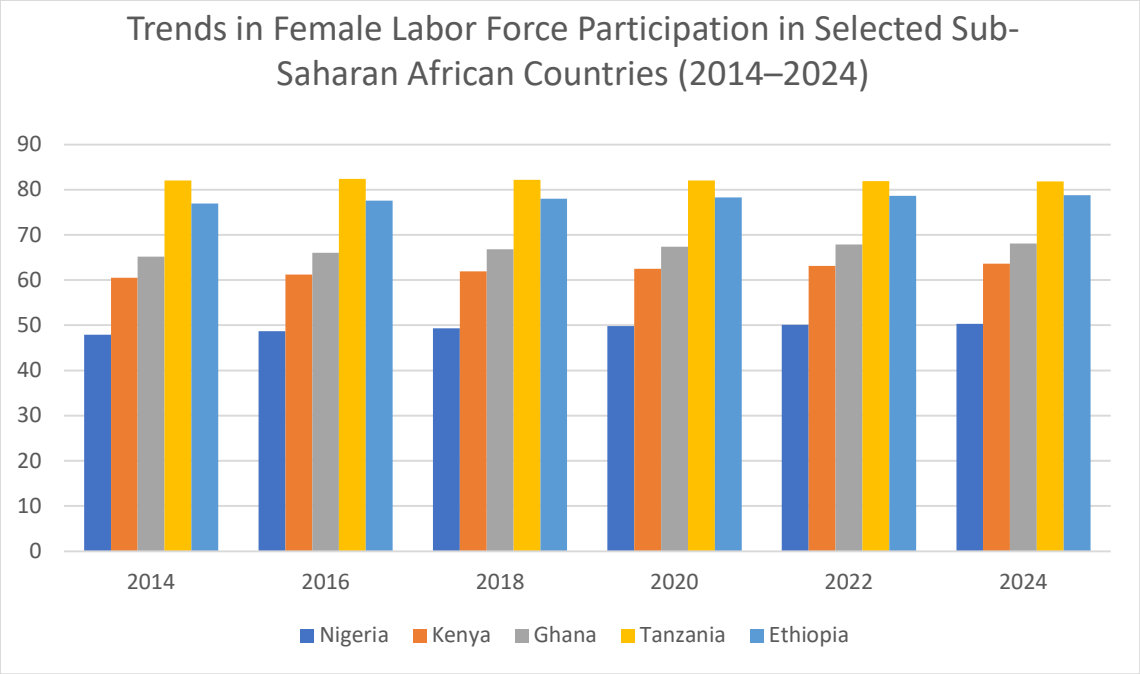
Table 1 presents a clear picture of female labour participation in some selected Sub-Saharan African countries, which has steadily rise over the past decade. Between 2014 and 2024, a positive upward trend has been observed in women's labor force participation in many African countries. While this progress is encouraging, disparities persist, especially in fragile and conflict-affected states where gender inequality is compounded by instability.

Table 1:

Trends in Female Labor Force Participation in Selected Sub-Saharan African Countries (2014-2024)

Country	2014	2016	2018	2020	2022	2024
Nigeria	47.9	48.7	49.3	49.8	50.1	50.3
Kenya	60.5	61.2	61.9	62.5	63.1	63.6
Ghana	65.2	66.0	66.8	67.4	67.9	68.1
Tanzania	82.0	82.4	82.2	82.0	81.9	81.8
Ethiopia	76.9	77.6	78.0	78.3	78.6	78.8

Source: World Bank 2024.



The pectoral graph shown above in chart 1, shows a steady rise above, suggesting that women's labor force participation in many African countries has improved. Women's labor force participation in many African countries has attracted more women. Even though Nigeria happens to have the least, with less than 50% increase, and Tanzania has the highest

Table 2 below reveals a clear upward trend in the Proportion of Women with Access to Microfinance Services (% of Adult Women), 2014–2024 across Sub-Saharan Africa. Climate finance increased from 12.4% in 2014 to a projected 23.6% 30.2%. 2024, Uganda, which rose from 24.5% in 2014 to an estimated value of 42.0% in 2024. This shows that Women with Access to Microfinance Services are much higher than in other sub-Saharan countries.

Table 2:

Proportion of Women with Access to Microfinance Services (% of Adult Women), 2014-2024.

Country	2014	2016	2018	2020	2022	2024 (Est.)
Uganda	24.5	29.4	32.5	35.6	39.1	42.0
Rwanda	30.8	41.2	45.1	49.0	53.7	58.0
Senegal	17.0	21.6	24.8	28.3	32.0	34.9
Nigeria	12.4	17.3	20.1	23.9	27.5	30.2
Malawi	14.0	18.5	21.2	24.6	26.8	29.0

Source:

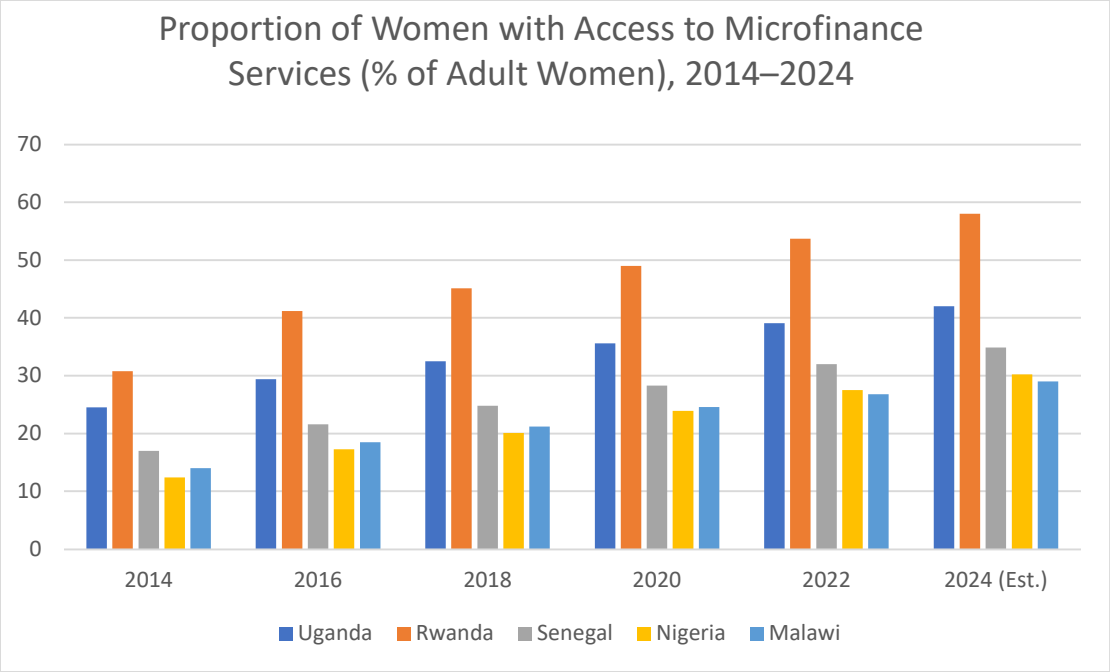
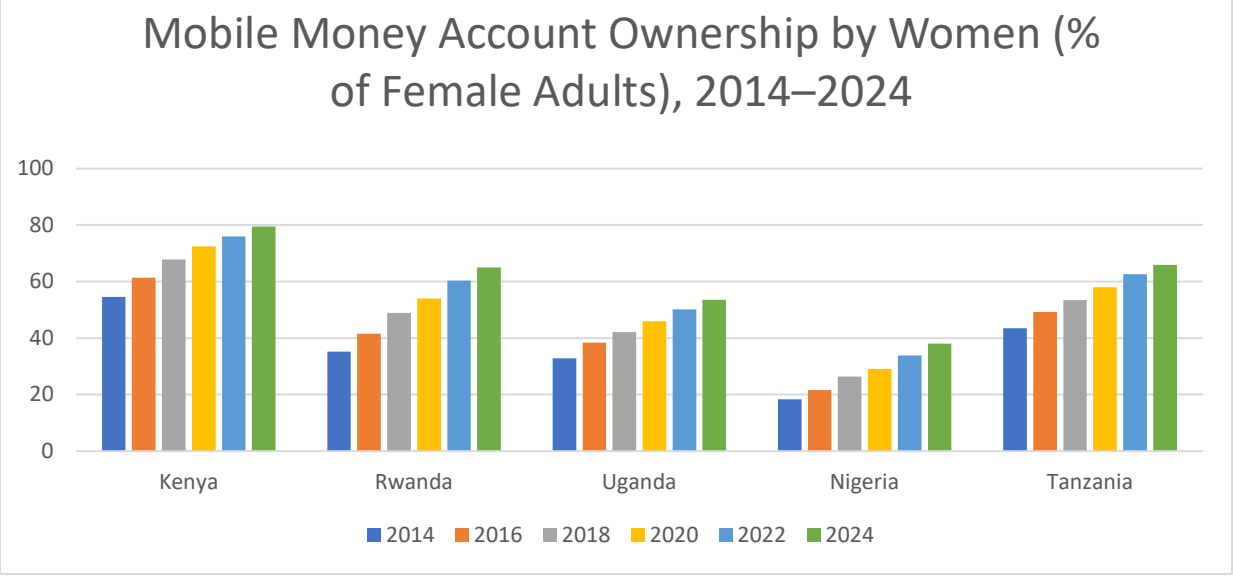


Chart 2 supports the above observation by visually depicting a consistent rise in Women with Access to Microfinance Services (% of Adult Women), 2014–2024. Microfinance Access Trends (2014–2024): shows that Kenya, Rwanda, and Uganda have consistently outperformed peers in expanding women's access to microfinance. The implication is that policy-driven digital infrastructure and mobile lending mechanisms are key causal inputs. In Nigeria and Malawi, the slower uptake reflects mechanism gaps such as high collateral requirements and weak agent networks, which constrain empowerment outcomes. This table affirms the claim that credit alone is insufficient without supportive systems (Jaakkola, 2020).

Chart 3: Mobile Money Account Ownership by Women (% of Female Adults), 2014–2024

See attached Excel document for full data visualization.



Similarly, Chart 3 offers a visual confirmation of this funding trend in Mobile Money Ownership by Women (2014-2024): Mobile wallets are now the most democratized financial instrument among women in East Africa. Kenya and Rwanda lead with over 60% ownership, driven by fintech models like M-Pesa and Airtel Money. This indicates that digital platforms are effective mechanisms for overcoming physical access barriers and enhancing autonomy in resource management. The comparatively low figures for Nigeria highlight a digital divide rooted in low mobile penetration and financial literacy, consistent with Itumalla and Achia (2023).

Chart 4: Women Holding Formal Savings Accounts (%), 2014–2024

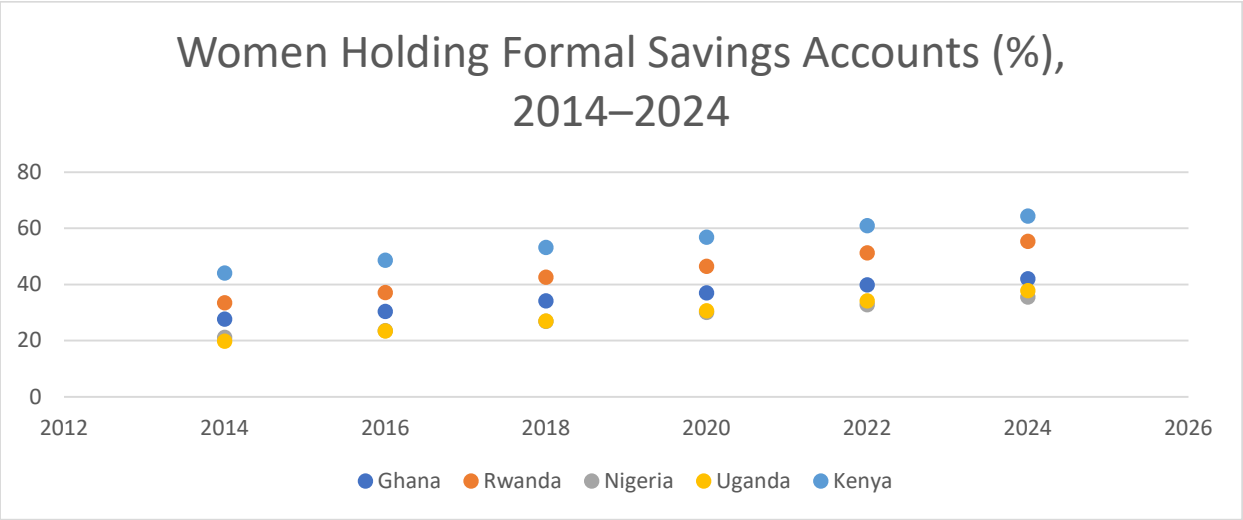


Chart 4, Gender Financial Inclusion Gap (2014-2022), captures a declining gender gap, especially in Kenya and Rwanda, where inclusive policies have led to almost equal access between men and women. In Nigeria, although the gap is shrinking, cultural norms and urban-rural disparities persist, explaining the sustained lag. The implication is that even with identical services, outcomes differ by embedded gender norms and institutional design, reinforcing the need for contextual program adaptation.

Chart 5: Gender Gap in Financial Inclusion (% Points: Male – Female), 2014–2022

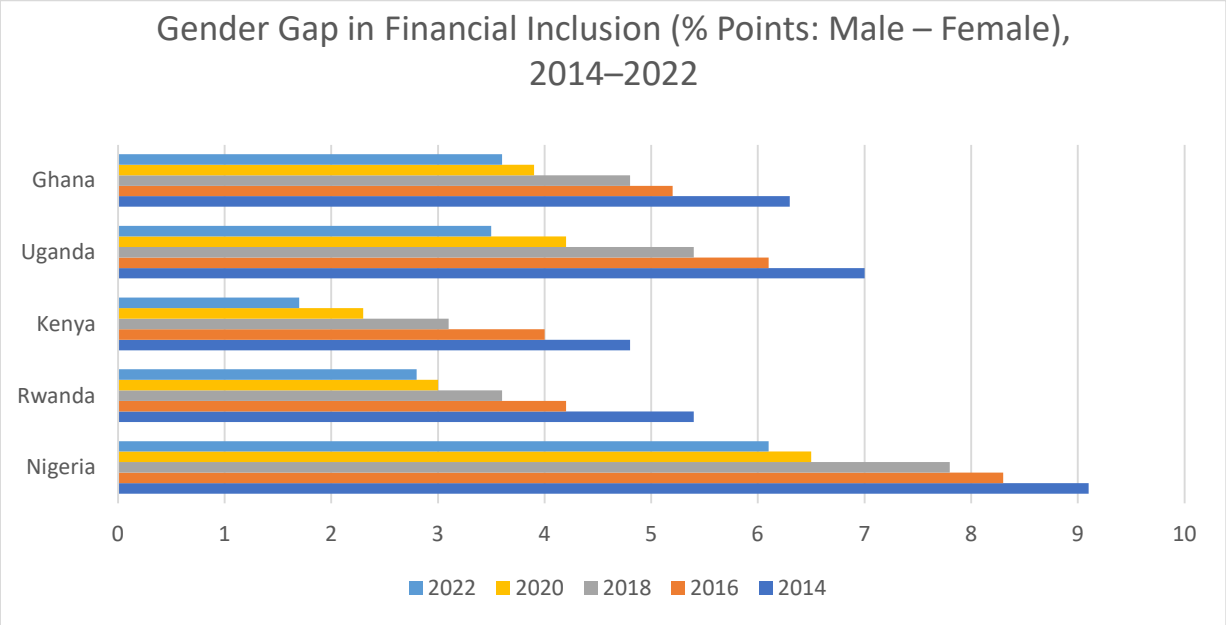


Chart 5, which supports Formal Savings by Women (2014–2024), illustrates latent empowerment capacity women who save are more likely to fund education, healthcare, and small businesses. Kenya's dominance shows that where financial education is institutionalized (e.g., Kenya Women Microfinance Bank), women can internalize long-term planning. The implication is that economic empowerment via savings is not automatic it depends on behavioral nudges, trust in institutions, and income stability (UN Women, 2022; Adesina et al., 2021).

Table 6: Digital Finance Usage by Urban vs Rural Women in Kenya (%), 2014-2022

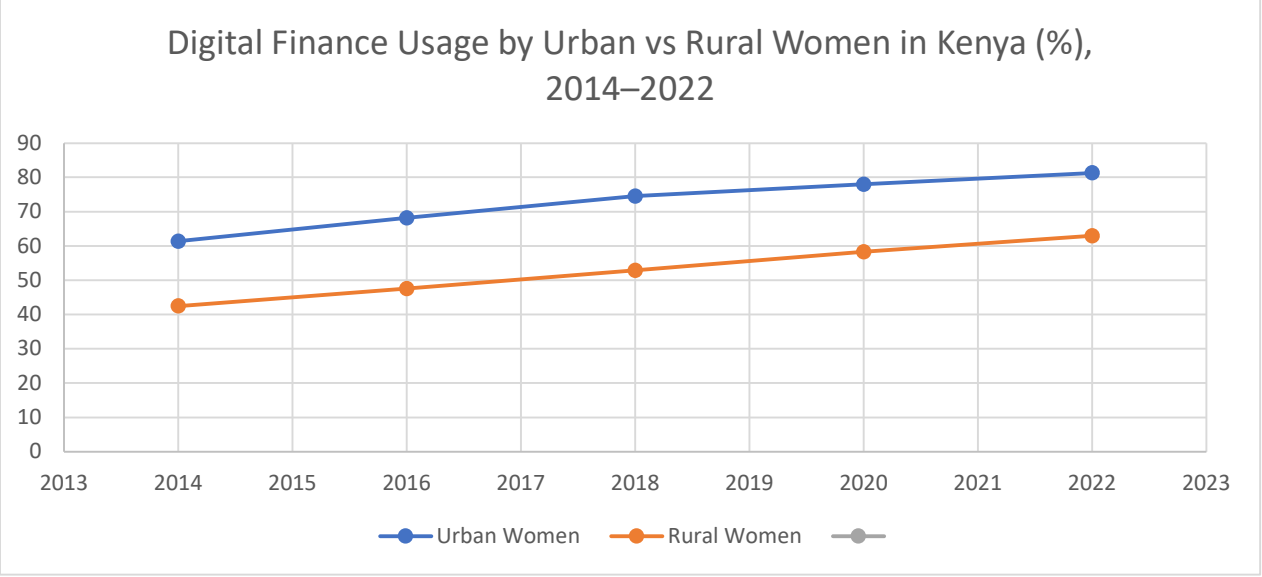


Chart 6 reveals an Urban vs Rural Digital Finance Use in Kenya (2014-2022). This Graph exposes the geographic divide in digital empowerment. While urban women show nearly 80% adoption, rural women are at least 20 percentage points behind. This demonstrates that infrastructure and digital literacy act as contextual moderators key to transforming access into empowerment. Thus, investments in rural broadband, agent networks, and digital training are not just technical needs but strategic levers for gender equity.

5.0 Conclusion and Recommendations

Over the last decade (2014-2024), microfinance has emerged as a transformative tool in advancing women's empowerment across Sub-Saharan Africa. This paper has conceptually examined the trends, delivery mechanisms, and outcomes of microfinance, framed within a multi-dimensional empowerment model spanning economic, social, psychological, political, and digital domains. Drawing from real-world trend analysis and integrative literature review, the evidence confirms that while progress has been made, outcomes remain deeply heterogeneous and context-dependent.

The discussion affirmed that microfinance has contributed meaningfully to women's inclusion in entrepreneurial ventures, formal savings, and mobile finance, particularly in countries like Kenya, Rwanda, and Uganda. These cases illustrate the importance of synergizing access with complementary services such as digital infrastructure, financial literacy, and policy support. Conversely, limited impact in other contexts reflects persistent structural barriers, including gender norms, infrastructural inequality, and low institutional trust.

The conceptual framework developed in this study provides a replicable model for understanding how microfinance translates into empowerment by analyzing the mechanisms through which credit, savings, and mobile services interact with gendered socio-economic realities. Crucially, empowerment is not a direct consequence of access; it is shaped by moderating factors including regulation, education, social capital, and digital readiness.

Recommendations

i. Governments and donors should prioritize digital infrastructure in rural areas and incentivize FinTech providers to develop mobile financial products that cater specifically to women's savings and credit needs. Platforms must be designed with attention to local languages, usability, and device compatibility.

ii. Countries should adopt clear, measurable gender targets within financial inclusion roadmaps. Regulatory agencies must ensure that financial institutions are collecting sex-disaggregated data and reporting on gender performance metrics annually.

iii. Evidence from Graph 5 suggests that savings groups yield more resilient and empowering outcomes than individual loan models. Policymakers and NGOs should promote VSLAs, ROSCAs, and hybrid cooperatives that embed both financial and social capital development.

iv. Digital and formal financial services can only empower when users understand how to navigate them. Ministries of education and gender should develop modular training programs that include budgeting, saving, loan management, and entrepreneurship skills, delivered through schools and adult learning platforms.

v. Group-based microfinance schemes should include leadership rotation, community engagement, and mentoring components to amplify women's civic participation. Graph 7 confirms that group dynamics foster more voice than individual financial services.

vi. Development partners should finance long-term evaluations of microfinance interventions using mixed methods. Without sustained monitoring and context-sensitive data, it is difficult to determine which models produce transformative versus instrumental outcomes.

Reference

Adesina, O. S., Fagbemi, A., & Ogundiran, S. O. (2021). Micro-savings schemes and women's financial empowerment in Sub-Saharan Africa. African Development Finance Review, 13(2), 88–102.

African Development Bank. (2022). Financial inclusion and gender in Africa: Policy and performance. AfDB Publications.

Anyanwu, C., & Uzor, F. (2021). Credit access and intra-household dynamics among female entrepreneurs in Nigeria. African Journal of Development Studies, 11(2), 142–160.

Bandiera, O., Buehren, N., Goldstein, M., Rasul, I., & Smurra, A. (2019). The economic lives of young women in the time of Ebola: Lessons from an empowerment program. The World Bank Economic Review, 33(3), 575–602.

Bastian, G., Goldstein, M., & Papineni, S. (2022). Digital finance and women's economic agency: Evidence from Kenya (Policy Research Working Paper No. 10132). World Bank.

CARE Rwanda. (2022). Village Savings and Loan Associations: A pathway to women's resilience. Kigali: CARE Regional Office.

CBN. (2023). Financial access in Nigeria: Annual report on inclusion and credit availability. Central Bank of Nigeria.

D'Espallier, B., Guerin, I., & Mersland, R. (2020). Women and repayment in microfinance: A global analysis. World Development, 128, 104831.

FinAccess. (2023). Kenya financial access household survey 2023. Nairobi: Financial Sector Deepening Kenya.

GSMA. (2023). The mobile gender gap report 2023. GSM Association.

Hussain, A., & Phulpoto, G. (2024). Mobile finance and digital exclusion among rural women: Evidence from Sub-Saharan Africa. International Journal of Gender and ICT, 8(1), 44–63.

IMF. (2023). Regional economic outlook: Sub-Saharan Africa. International Monetary Fund.

Itumalla, R., & Achia, T. N. (2023). Bridging the digital divide: Women and mobile financial inclusion in Nigeria. Journal of African Digital Economy, 2(1), 22–40.

Jaakkola, E. (2020). Designing conceptual articles: Four approaches. AMS Review, 10(1–2), 18–26. https://doi.org/10.1007/s13162-020-00161-0

Jack, W., & Suri, T. (2016). The long-run poverty and gender impacts of mobile money. Science, 354(6317), 1288–1292.

Johnson, S., & Nino-Zarazua, M. (2019). Financial access and female empowerment in developing regions. Journal of Development Studies, 55(3), 435–453.

Kabeer, N. (1999). Resources, agency, achievements: Reflections on the measurement of women's empowerment. Development and Change, 30(3), 435–464.

Kabeer, N., & Datta, S. (2022). Empowering women through inclusive finance: A comparative regional analysis. Gender and Development Studies, 14(2), 121–140.

Khursheed, M. (2022). Rethinking financial empowerment in Africa: Beyond microfinance. African Journal of Feminist Economics, 9(1), 54–78.

MacInnis, D. J. (2011). A framework for conceptual contributions in marketing. Journal of Marketing, 75(4), 136–154.

Mayoux, L. (2017). Women's empowerment and microfinance: A critical review. Development in Practice, 27(7), 1006–1019.

Morshed, M., & Yeboah, T. (2020). Microfinance and women's empowerment in Ghana: Evidence from microentrepreneurs in Accra. Journal of African Finance and Economic Development, 5(1), 35–52.

Narayan, D. (Ed.). (2005). Measuring empowerment: Cross-disciplinary perspectives. Washington, DC: World Bank.

Nnaomah, R., Adewale, S., & Bosede, O. (2024). Gender-sensitive digital microfinance: A review of best practices in Sub-Saharan Africa. Journal of Financial Innovation in Africa, 6(2), 101–117.

Pawson, R., & Tilley, N. (1997). Realistic evaluation. SAGE Publications.

Staab, S., Jansen, A., & Chattopadhyay, T. (2024). Women and financial exclusion in Sub-Saharan Africa: Barriers and pathways to empowerment. UN Women Research Brief Series No. 16.

UN Women. (2022). Gender snapshot: Women's financial inclusion in Africa. United Nations Entity for Gender Equality and the Empowerment of Women.

Williams, T., Mburu, R., & Andoh, K. (2025). Contextualizing microfinance and gender empowerment: Lessons from East and West Africa. African Finance and Gender Policy Journal, 7(1), 1–20.

World Bank. (2022). Global Findex Database 2021: Financial inclusion, digital payments, and resilience in the post-COVID era. Washington, DC: World Bank.

World Bank. (2024). Financial development in Africa: Country performance and gaps. Washington, DC: World Bank.

Zins, A., & Weill, L. (2021). The gender gap in financial inclusion: Cross-country evidence. The Quarterly Review of Economics and Finance, 81, 80-94.