Mobile Banking and Financial Inclusion in Urban Cameroon: A Longitudinal Study

Felix Nkonde[1], Victor Moussaka[2], Chidi Chukwunyere[1,2]

[1] University of Buea

[2] Institute of Medical Research and Study of Medicinal Plants (IMPM)

Author notes

Felix Nkonde is affiliated with University of Buea and focuses on Computer Science research in Africa.
Victor Moussaka is affiliated with Institute of Medical Research and Study of Medicinal Plants (IMPM) and focuses on Computer Science research in Africa.
Chidi Chukwunyere is affiliated with Institute of Medical Research and Study of Medicinal Plants (IMPM) and focuses on Computer Science research in Africa.

Abstract

Urban Cameroon faces significant economic challenges, including high levels of financial exclusion among its population. Mobile banking has emerged as a potential solution to bridge this gap. The research employs a mixed-methods approach, combining quantitative survey data with qualitative interviews. Data collection includes demographic information, usage patterns, and perceptions regarding mobile banking. Mobile banking adoption showed an increase from 35% in the first year to 48% by the third year (-), indicating a significant growth trend. The study reveals that while mobile banking has contributed positively to financial inclusion, challenges such as digital literacy and infrastructure constraints persist. To enhance financial inclusion further, policymakers should invest in digital education programmes and improve access to reliable internet connectivity. Mobile Banking, Financial Inclusion, Urban Cameroon, Longitudinal Study Model estimation used $\hat{\{\theta\}} = argmin\{\theta\} \, sumiell(yi, f\theta(\xi)) + \lambda lVert\theta rVert \, 2^2$, with performance evaluated using out-of-sample error.

Keywords: *Sub-Saharan, Geographic Mapping, Sampling Theory, Data Mining, Mobile Payments, Financial Diagnostics, Socioeconomic Analysis*

ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

✉ REQUEST FULL PAPER

Email: info@parj.africa

Request your copy of the full paper today!

SUBMIT YOUR RESEARCH

Are you a researcher in Africa? We welcome your submissions!

Join our community of African scholars and share your groundbreaking work.

Submit at: app.parj.africa

Scan to visit app.parj.africa

Open Access Scholarship from PARJ

Empowering African Research | Advancing Global Knowledge