



The Impact of Land Tenure Systems on Agricultural Investment in Mozambique: A Methodological Approach

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Abstract

Mozambique's diverse land tenure systems have significant implications for agricultural investment, influencing productivity and resource distribution. A mixed-methods research design combining qualitative interviews with quantitative data analysis to explore the interplay between land tenure types (traditional communal, formal leasehold) and investment decisions among smallholder farmers. Data revealed that traditional communal land systems led to higher agricultural investments compared to formal leasehold systems in terms of inputs like fertilizers and machinery, indicating a stronger community-driven approach to resource allocation. The mixed-methods design successfully illuminated the complex dynamics between land tenure systems and agricultural investment behaviors among Mozambican farmers. Further research should consider longitudinal data collection to track changes in investment patterns over time and explore potential policy interventions aimed at enhancing equitable access to resources across different tenure types. The empirical specification follows $Y = \beta_{0+\beta} p X + \text{varepsilon}$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: *African land tenure systems, mixed-methods approach, qualitative research, quantitative analysis, resource allocation, agricultural productivity, Mozambique*

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