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REVIEWER'S REPORT

Manuscript No.: IJAR-53196

Date: 07.08.2025

**Title: SOCIO-ECONOMIC PROFILE OF INDIGENOUS CATTLE BREEDERS AND1
CONSTRAINTS ON LOCAL CATTLE BREEDING IN SOUTH-WEST BURKINA2
FASO**

Recommendation:

Accept as it is.....

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Accept after minor revision.....✓

Accept after major revision

.....

Do not accept (Reasons below).....

Rating				
	Excel.	Good	Fair	Poor
Originality		√		
ty			√	
Techn. Quality		√		
ty		√		
Clarity				
Significance				

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REVIEWER'S REPORT

Reviewer Name: DR S t . W i j d a n a h R a m , S . S , M . S i

Date: 08.08.25

Reviewer's Comment for Publication.

Review of the Journal: **SOCIO-ECONOMIC PROFILE OF INDIGENOUS CATTLE BREEDERS AND 1 CONSTRAINTS ON LOCAL CATTLE BREEDING IN SOUTH-WEST BURKINA 2 FASO**

This article investigates the socio-economic status of indigenous cattle breeders in southwestern Burkina Faso and identifies the major constraints they face in local cattle farming, with a focus on the Baoulé breed. The study was based on surveys conducted with 90 farmers using a semi-structured questionnaire, and the data were analyzed descriptively.

Strengths of the Article

1. The focus on indigenous cattle farming in a specific region provides valuable insight into regional livestock practices and contributes to discussions on genetic resource conservation.
2. The use of a semi-structured questionnaire and descriptive analysis is appropriate for an exploratory, field-based socio-economic study.
3. The article provides rich data on farmers' demographics (age, ethnicity, marital status, education), herd structures, and farming motivations.
4. Beyond the economic dimension, the article addresses sociocultural factors like ethnicity, inheritance traditions, and livestock's cultural functions, which are often overlooked in technical research.
5. The study draws heavily from local government reports and research, grounding the work in regional realities.

Weaknesses of the Article

1. With only 90 respondents from a small geographical area, the findings cannot be generalized to the whole of Burkina Faso or other West African regions.
2. The study relies solely on descriptive statistics. No statistical tests or correlations were conducted to explore relationships between variables. Although the study identifies several key constraints (low selling prices, disease, conflict), it lacks in-depth analysis or practical policy recommendations to address these issues.
3. The article would benefit from additional visualizations (maps, charts, infographics) to better communicate spatial and quantitative findings.
4. There are several awkward or incorrect English phrases (e.g., "purchase in 85.19 cases") that suggest the article was poorly translated or not thoroughly edited.

Conclusion

This article is valuable for its local insight and social relevance, shedding light on the challenges faced by traditional cattle farmers in Burkina Faso. However, to improve its academic quality, the study would benefit from adding inferential statistical analysis,

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presenting clearer and more actionable policy recommendations,

improving the language and structure,

and incorporating more visuals for clarity.