



The Impact of Political Instability on Sustainable Rangeland Management: A Study of Borana Rangeland, Southern Ethiopia

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Background

- Political instability (PI) occurs between governments and other political elites either at the local, regional, and/or national levels.
- Planning, implementing, and monitoring of sustainable rangeland management strategies have a significant impact on the political environment of an area.
- In this study, the term PI implies an unsafe and unstable exercise of political power, and is a major obstacle to the implementation of sustainable rangeland management.

Objective

- ❖.The main purpose of this research was to provide empirical and theoretical knowledge by testing hypotheses about the impact of PI on the implementation of sustainable practice of rangeland management.

Methodology

- Using in-depth interviews, this study conducted both structured and unstructured group discussions with 300 representative households of local pastoralists and others who were considered the key stakeholders in the sustainable activities of rangeland management.

Result

- Results indicated that the local communities are significantly susceptible to the economic, environmental, and socio-cultural effects of sustainable management of rangeland due to PI.
- Furthermore, the impact of PI on the economic, environmental, and socio-cultural aspects of rangelands indicators was evaluated (Fig.1 and 2).
- The findings also proved that the satisfaction of pastoralists with rangeland productivity and function was significantly affected, and prevented pastoralists from participating in rangeland management practice.

- Fig 1. Indicators linkage in principal components in a two-dimensional specie (A) and scree plot: Eigenvalues plotted in descending order (B).

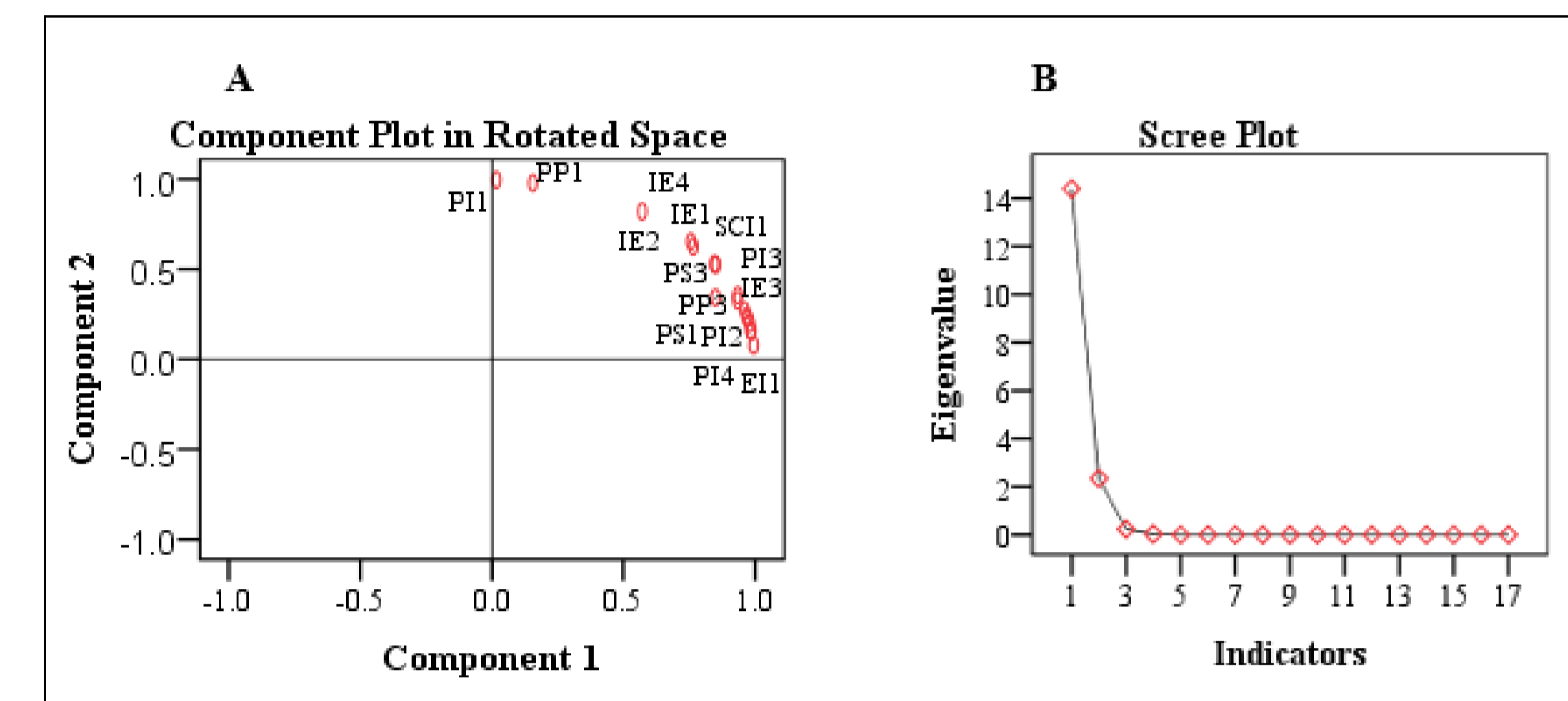
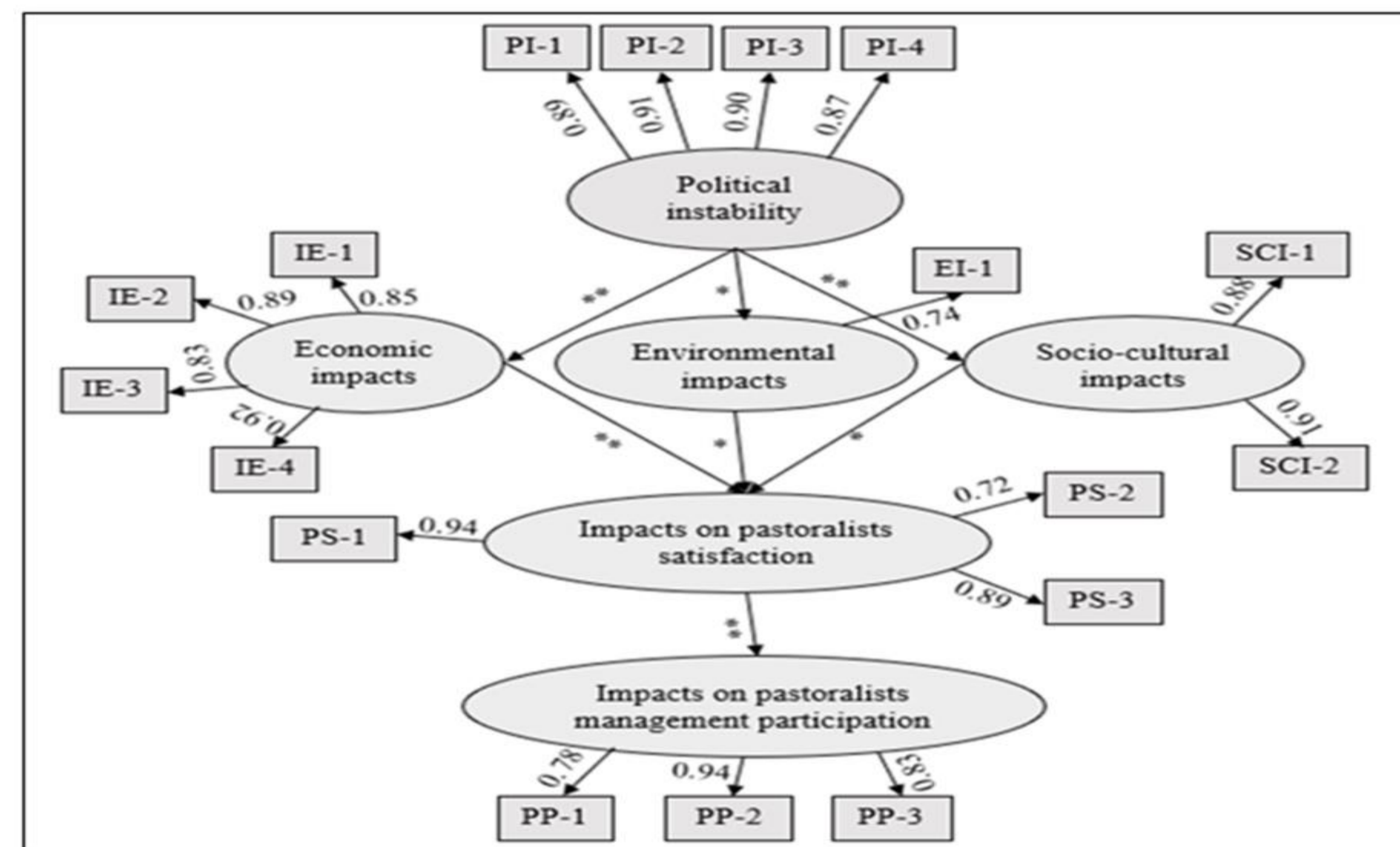


Fig. 2.The model of political instability effects on sustainable rangeland management. ** Statistically significant at $p < 0.001$, * Statistically significant at $p < 0.05$.



Conclusions

In general, in the case of Borana rangeland, it is mandatory to critically evaluate, follow-up, and take corrective on measures in order to reduce the impact of the political system and power structure on the sustainability of the livestock industry in the arid and semi-arid zone, specifically in Borana.

