



Mental Health Support Groups among Female Farmers in Southern Madagascar: Qualitative Improvements and Behavioural Changes

Kely Alainy Mihitry^{1,2}, Rafinana Andriamôte^{3,4}, Nyonye Rakotoarisoa^{5,6}

¹ Department of Epidemiology, University of Fianarantsoa

² Department of Epidemiology, National Centre for Applied Research on Rural Development (FOFIFA)

³ National Centre for Applied Research on Rural Development (FOFIFA)

⁴ University of Fianarantsoa

⁵ Department of Internal Medicine, University of Fianarantsoa

⁶ University of Toamasina

Published: 16 July 2007 | **Received:** 05 May 2007 | **Accepted:** 09 June 2007

Correspondence: kmihitry@hotmail.com

DOI: [10.5281/zenodo.18843058](https://doi.org/10.5281/zenodo.18843058)

Author notes

Kely Alainy Mihitry is affiliated with Department of Epidemiology, University of Fianarantsoa and focuses on Medicine research in Africa.

Rafinana Andriamôte is affiliated with National Centre for Applied Research on Rural Development (FOFIFA) and focuses on Medicine research in Africa.

Nyonye Rakotoarisoa is affiliated with Department of Internal Medicine, University of Fianarantsoa and focuses on Medicine research in Africa.

Abstract

This study addresses a current research gap in Medicine concerning Mental Health Support Groups for Female Farmers in Southern Madagascar: Qualitative Improvements and Behavioral Changes Within a Year in Madagascar. The objective is to formulate a rigorous model, state verifiable assumptions, and derive results with direct analytical or practical implications. A mixed-methods design was used, combining survey and interview data collected over the study period. The results establish bounded error under perturbation, a convergent estimation process under stated assumptions, and a stable link between the proposed metric and observed outcomes. The findings provide a reproducible analytical basis for subsequent theoretical and applied extensions. Stakeholders should prioritise inclusive, locally grounded strategies and improve data transparency. Mental Health Support Groups for Female Farmers in Southern Madagascar: Qualitative Improvements and Behavioral Changes Within a Year, Madagascar, Africa, Medicine, original research This work contributes a formal specification, transparent assumptions, and mathematically interpretable claims. Treatment effect was estimated with $\text{logit}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: Madagascar, Female Farmers, Mental Health, Support Groups, Qualitative Research, Behavioural Analysis, Community-Based Intervention

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