

## Review of: "A Cointegrated Multi-Factor Semi-Log Regression Approach to Quarantine the Impact of Microfinance on Poverty Regionally"

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Potential competing interests: No potential competing interests to declare.

## A Cointegrated Multi-Factor Semi-Log Regression Approach to Quarantine the Impact of Microfinance on Poverty Regionally

There is significant and long-standing literature in this general area, and the literature is very crowded, which makes it important for a clear research gap and contribution to be identified. It is thus necessary to complete the analysis in a rigorous and informed manner. However, the following substantive observations can be made:

- While a simple OLS regression has been applied to estimate the impact of microfinance and various other
  macroeconomic variables on poverty in Pakistan, the paper does not account for the presence of structural breaks
  during the study period. Failing to address structural breaks can lead to incorrect inferences about the significance of
  coefficients and erroneous conclusions about the relationship between the variables. Therefore, it becomes essential to
  incorporate break point analysis for more reliable and robust results.
- Unfortunately, the contribution of the paper is not enough with respect to methodology. The paper is also not presented well. Explaining 2 tables with 6 subheads in the results seems vague.
- Diagnostic checks for autocorrelation and heteroskedasticity are also missing.

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