

Review of: "Government expenditure and economic growth: evidence from the critical sectors in an emerging economy"

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Potential competing interests: No potential competing interests to declare.

1. The study is interesting. It is significant for adjustments to industrial policy. I suggest changing the title to the effect of Government expenditure on critical sector growth in Nigeria.
2. In the abstract, you should provide detailed data, such as the period.
3. I suggest that the authors have the article English professionally edited. For example, in Abstract, "This study examines the impact of government expenditure on education, health, agriculture, pensions and gratuities and public debt servicing on economic growth of Nigeria for forty-year period 1981-2020."
4. The model in Eq. 1 is problematic. The model must contain the lag length, natural log, and first difference information.
5. I suggest that the cointegration test be small-sample corrected, such as Cheung Y-W, Lai KS. Finite-sample sizes of Johansen's likelihood ratio tests for cointegration. Oxford Bulletin of Economics and Statistics 1993;55; 313-328.
6. In the methods, at least insert some citations.
7. In unit root tests, give the lag length.
8. In Vector Error Correction Modeling (VECM) Results, use usual t-statistics and p-values.
9. You said that Agricultural and natural resources and industry, which are the country's core economic services, are begging for attention. However, these sectors are physical ones but not services.
10. In Discussion, comparisons are required. Why are these studies different or similar?