

Review of: "Exchange Rate Pass-Through and Inflation on Unemployment in Nigeria"

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Potential competing interests: No potential competing interests to declare.

The author adopts nonlinear ARDL to estimate the effect of real exchange rate and inflation on unemployment in Nigeria.

There are some concerns:

Main concerns:

1. In Materials and Methods, what is interLR in (1)?
2. "Where = inflation rate is the" what is "="?
3. In (1), it is not clear for the definition of variables. What is INF ? inflation rate? but in (2), inflation rate is INFR . What is lgdp ? it is real or nominal GDP? What is open? how to define open? what is productivity? how to define?
4. after that, the author introduced (2). If so, why (1) was introduced? what is the purpose of (1) in the empirical study?
5. Also, TOt is openness? the same meaning of open? if so, why two different names were used? Also, TOt is trade openness. how to define TOt ??
6. from (4), why only some variables are taken natural log? why RERt and TOt are not required to take natural log? why not take the natural log of all variables such that the parameters are elasticities?
7. rGDP is the same meaning as RGDP ?
8. From the ARDL model in (5), ecmt-1 is needed? the long-run relationship is already described using the lagged values of variables in ARDL model?
9. the H_0 below (5), the parameters should be beta. Hence, $H_0 = b_1 = b_2 \dots = 0$? the same for H_1 ???
10. What is the purpose of SVAR? for identification only? The restrictions on SVAR have any economic rationales behind?
11. ARDL in Pesaran et al. (2001) was criticized as the lack of structural breaks. How to handle structural changes in this paper? only nonlinear elements are added?
12. Compare the long-run estimates of ARDL and nonlinear ARDL in Tables 4 and 6, the parameters of TO is -81149 but in ARDL is only -0.039473 and both are significant. Why there is large difference?
13. ECTt-1 is needed in ADRL? please clarify.

Minor concerns:

1. In Introduction, both Philip curve and Philips curve are found. But should it be Phillips curve? Please clarify.
2. In Empirical Literature, SSA means Sub-Saharan Africa? If so, please write Sub-Saharan Africa (SSA).
3. what is MPR?

4. the results are too long and not all results from Eviews must be shown. Choose the most important results only.
5. Moderate editing of English language is needed