

Review Form 3

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_124776
Title of the Manuscript:	Compartmental Model for Unemployment Dynamics in Ghana: A Case of Caputo Fractional Derivatives
Type of the Article	Original Paper

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	<p>Yes the manuscript is important for the scientific community. The Fractional Derivatives model is the well suitable in applied mathematics. Its application in the unemployment phenomenon contributes to the understanding of how unemployment is and can be solved in the society at large.</p> <p>I like the manuscript</p>	
Is the title of the article suitable? (If not please suggest an alternative title)	<p>Yes, The title is clear and informative however, the word a case of ... can be removed</p> <p>Compartmental Model for Unemployment Dynamics in Ghana using Caputo Fractional Derivatives</p>	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	<p>Yes, the abstract of the manuscript is comprehensive. It provide the worthy summary of the study, methodology results and recommendation. It is well written and easy to follow up. However</p> <p>The Caputo unemployment model is not well stated how is analyzed and the results of analysis of each model stated are not cleared stated.</p>	
Are subsections and structure of the manuscript appropriate?	<p>Yes, The section and subsections and the structure of the manuscript are appropriate. The subsections are informative and logical as required.</p>	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	<p>Yes, the manuscript is scientifically correct, robust and technically sound. The literature review is logical, methodology is ample, and results are presented and discussed in clear and brief style. The area of the future studies were well stated, however the author may point out the limitations of the study conducted.</p>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	<p>Yes, the reference are recent and sufficient. The author cited relevant sources of Unemployment and Fractional Derivative models.</p>	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes, the language used both English and Mathematical languages are suitable for scholarly communications.	
Optional/General comments	Generally, the manuscript is well written and informative. It gives a significant contribution to the field of differential equations and it is likely to be interest to inclusive range of researchers. Some small corrections may be done to increase the emphasis of the study as highlighted in the original manuscript. Consider to reduce the word Ghana so that the methodology can be applicable in large environment.	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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