

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Research in Computer Science</b>
Manuscript Number:	<b>Ms_AJRCOS_112710</b>
Title of the Manuscript:	<b>Detecting Change in a Volatile Curve United State Stock Market (US SM) with the use of Automated Decomposition for Time Series Components.</b>
Type of the Article	<b>Journal -Academic and for analysis</b>

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<p><b><u>Compulsory</u></b> REVISION comments</p> <p><b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p><b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p><b>3. Is the abstract of the article comprehensive?</b></p> <p><b>4. Are subsections and structure of the manuscript appropriate?</b></p> <p><b>5. Do you think the manuscript is scientifically correct?</b></p> <p><b>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>The manuscript is important for the scientific community because. It has contributed to the understanding and expansion of various times series components that detect changes in the volatile curve, as well as its limitation.</p> <p>Several empirical citations have been used to explain the difference of the three methods, the history and origin of the models using a bit of literature revived is impressive, plus the journal is well referenced.</p> <p>The journal has addressed an important question within the field of math and science, and the manuscript has a direct implication for real-world applications for example the stock pricing e.t.c. The statistical model is accurate, diagrams well interpreted easy to be understood by non-science, math or people not in the field.</p> <p>The title is specific, reflects the content, concise and engaging to math, economics, finance, research and analyst people. it is okay.</p> <p>The abstract has given a summary of main points of the entire journal, it is concise, clearly bringing out why BFTSC and GFTSC are better than BFAST.</p> <p>Subsections and structure of the manuscript are appropriate because: there is logical flow and consistency. headings and subheadings explain what is to follow in the content</p> <p>The manuscript is clear and transparent, well-written and organized. Relevant details about the models are explained, it can allow students and researchers to use and replicate it. The interpretation of results is based on sound scientific reasoning and supported by the data presented. The discussion is evidenced by thoughtful analysis of the results, relating them to existing literature. The conclusions are supported by the evidence presented in the manuscript and empirical citations.</p> <p>References sufficient and recent to a manuscript because: It has foundation works that are relevant works providing a basis for understanding the context and development of the field of time series application components in different movements and moments. There is a balance between recent and older references. Citations are for substantial number years - referencing from the last 20 years</p>	
<p><b><u>Minor</u></b> REVISION comments</p> <p><b>1. Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Quality of English good. Pg 8 to check on the word displayed or should be display. Pg 10 align increasing state</p>	
<p><b><u>Optional/General</u></b> comments</p>	<p>I like the journal easy to read and flow with it.</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	<b>Margaret Kibera</b>
Department, University & Country	<b>Jomo Kenyatta University of Agriculture and Technology, Kenya</b>