

Review Form 1.6

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_88569
Title of the Manuscript:	Stochastic Modelling for the Analysis and Forecasting of Stock Market Trend Using Hidden Markov Model
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajpas.com/index.php/AJPAS/editorial-policy>)

PART 1: Review Comments

	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)
<u>Compulsory</u> REVISION comments	Very good	The authors are highly thankful to the reviewers for their appreciation and valuable suggestion for the manuscript in order to make it in the form of publication to "Asian Journal of Probability and Statistics". We have considered all the comments in the manuscript and modified the paper as per the same.
<u>Minor</u> REVISION comments	Language need to be revise Check journal guidelines	All the authors have read the manuscript again from end to end and corrected the observed small mistakes in the paper. We have made the modified manuscript by making some small changes in the language and deleted the unnecessary things in the paper. All the authors are thankful to the reviewers for demonstrating us to some small mistakes.
<u>Optional/General</u> comments	Add following references Kavitha G, Udhayakumar A, Nagarajan D. Stock market trend analysis using hidden markov models. arXiv preprint arXiv:1311.4771. 2013 Nov 19. e Silva EG, Legey LF, e Silva EA. Forecasting oil price trends using wavelets and hidden Markov models. Energy Economics. 2010 Nov 1;32(6):1507-19.	With respect to this comment, we authors have agreed to add the reference "Kavitha G, Udhayakumar A, Nagarajan D. Stock market trend analysis using hidden Markov models. arXiv preprint arXiv:1311.4771. 2013 Nov 19" in the paper as the findings are much relevant to our study. Thank you for you good suggestion.

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?	(If yes, kindly please write down the ethical issues here in details)	All the authors declare no conflict of interest or any ethical issues in this manuscript