

## Review Form 1.7

Journal Name:	Asian Journal of Agricultural Extension, Economics & Sociology
Manuscript Number:	Ms_AJAEES_107404
Title of the Manuscript:	AN ANALYSIS OF INDIAN SUGAR EXPORTS - MARKOV CHAIN APPROACH
Type of the Article	Short Research Article

### 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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. Yes, I think this manuscript is scientifically important and also very interesting. However, I would like to point out the following comments:</p> <p>1.1 This paper makes good use of Markov chain transition probabilities to forecast sugar exports. It is by no means the only method, recent literature have used time-series models such as ARIMA to forecast Brazilian sugar exports (one of the largest sugar exporters in the world). Their approach is to calculate price and quantity elasticities and show that price forecast errors can lead to export quantity forecast errors. Perhaps the authors of the current paper can discuss some of these new approaches to sugar export forecasts in their discussion. See the following paper:</p> <p>1.2 Jose de Jesus Sousa Lemos &amp; Marcos Paulo Mesquita da Cruz &amp; Joao da Costa Filho &amp; Elizama Cavalcante de Paiva &amp; Erika Costa Sousa &amp; Alexandra Pedrosa Monteiro, 2023. "Evolution of sugar exports in two centuries," <i>International Journal of Business, Economics and Management</i>, Conscientia Beam, vol. 10(2), pages 12-22.</p> <p>2. The title is fine.</p> <p>3. The abstract is comprehensive enough.</p> <p>4. The subsections and structure are appropriate.</p> <p>5. The manuscript is scientifically correct, to the best of my knowledge.</p> <p>6. The references are sufficient and up to date.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	yes	
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

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

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