



SDI Review Form 1.6

PART 1:

Journal Name:	<u>British Journal of Economics, Management & Trade</u>
Manuscript Number:	2013_BJEMT_5149
Title of the Manuscript:	Semiparametric stochastic frontier estimation using Generalized Additive Models
Type of the Article	Research paper

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: Review Comments

	Reviewer's comment	Author's comment <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>
<u>Compulsory</u> REVISION comments	In this paper of “Semiparametric stochastic frontier estimation using the Generalized additive models” the authors using Semiparametric stochastic frontier model to measure technical efficiency of Wisconsin dairy producers. However, I have several reservations about this paper and which are summarized as follows: 1. The paper has no driving research question. It therefore simply reports on what has been done and what has been not done. Without a clear focus at this point the article has little value. It is not clear to explain the contribution of this paper. In other words, the purpose of this research should be more clearly communicated in the introduction section. Why Semiparametric stochastic frontier estimation using the Generalized additive models is an important for the researcher concerned, policymakers or the wider public interest. 2. the discussion of the established literature and conclusion are rather weak. 3. The explanations in the empirical results and conclusion are incomprehensible and need major revision. In other words, I do not see detailed or interpretation of the author's empirical results and conclusion. The authors can be written more	1. Your points are well-taken. To address your concern, we revised the 'Introduction' Section of the manuscript completely and added new expressions to inform the BJEMT readers about why we conducted this research and why we used semiparametric stochastic frontiers. We also outlined clearly the contribution of our paper to the literature. Please see pages 1 and 2. 2. Thank you for your suggestion. To address your concern, we added a new section entitled 'Recent Studies of Efficiency in the U.S. Dairy Industry' in the manuscript and reviewed efficiency studies in the U.S. dairy industries. Please see page 6. 3. Your comments are well-taken. We revised the Empirical Analysis' and the 'Conclusion' sections of the manuscript and compared the findings of our paper with precedent studies. Please see pages 8 and 9.



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	tightly to make room for a much more specific discussion in order to enhance the contribution of this paper. What is the managerial implication? The empirical results shall compare with the past work 4 please more in-depth analysis in concluding. Overall, this paper, according to its content and presentation, need to major revisions.	4. Your comments are well-taken. We revised the 'Conclusion' Section of the manuscript and focused more on the context of the paper as well as policy implications. Please see pages 9 and 10.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		