



SDI Review Form 1.6

Journal Name:	Asian Journal of Agricultural Extension, Economics & Sociology
Manuscript Number:	Ms_AJAEES_44213
Title of the Manuscript:	Economic Efficiency Analysis of Pineapple Production at Madhupur Upazila of Tangail District, Bangladesh: A Translog Stochastic Cost Frontier Approach
Type of the Article	Original Research Article

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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:

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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)
Compulsory REVISION comments	The author needs to associate his study with the sustainable development goals and try to enhance his introduction by adding the SDG goals that are associated with this problem The statistical analysis sample is not enough to hole up this argument, you need to justify that	➤ We would like to express our gratitude to the reviewer for his/her insightful comments and suggestions for improving our manuscript. The reviewer raises a valid point. We agree that this type of study is needed to associate with sustainable development goals. But, we examined economic efficiency of pineapple production by considering some other aspect. Pineapple is a perennial fruit crop and the first yield is obtained within 15-22 months after planting. So, the pineapple cultivation requires heavy investments in the first year itself and the inefficient use of inputs indeed will affect the profitability that results in low income or even a loss to the farmers. An emperical study on economic efficiency along with the probable determinants of inefficiency would help to decide whether pineapple farmers utilize full capacity in their production processes or not, and to find ways of improving their productivity if they are inefficient. In this context, the study was conducted to estimate economic efficiency and identify the significant factors that were responsible for economic inefficiency. For revising the manuscript with an intention to include SDGs, I've read a lot of article throughout the period. In a paper, I found "identification of economic efficiency of an economic unit allows assessment of the undertaken actions based on their monetary value. The basic aim is to secure a defined income with minimum cost. But, in the context of sustainable development of agriculture such approach should be supplemented with environmental and social issues". In another paper, I found " The cost reduction in fields of activity which proved to be non-sustainable would allow the creation of considerable economies for the public resources of a country". The link of the both papers are mentioned here. https://papers.ssrn.com/sol3/Delivery.cfm?abstractid=2852363 https://www.researchgate.net/...The Connection between Efficiency and Sustainabil.. After discussing with all authors, we have decided that we would like to maintain the previous concept. For this reason, we have added a more detailed section in the revised manuscript by describing the above-mentioned concept and hope that this addresses the concerns of the reviewer. ➤ The study used a cross-sectional data generated from 100 pineapple farmers who harvested first yield from their pineapple fields. As pineapple is a perennial fruit crop and the returns continue, usually, for a period of 4 years. In a specific cropping period, different farmers hold different season pineapple plots. Since pineapple cultivation requires heavy investments in the first year and the inefficient use of inputs will affect the profitability of the farmers. So, cost minimization is very important in this year for securing a definite profit. During the period of data collection, many farmers didn't have the first year's yield. Even after getting many pineapple farmers, we had to be excluded them. As all the farmers didn't have first season harvesting pineapple, we think that our sample size is representative amount of the population.
Minor REVISION comments		
Optional/General comments		