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Abstract
This paper tries to evaluate the management efficiencies of Taiwanese Automobile Parts companies which had a opened statement in public stock market during year 2003 & 2005. Firstly, data envelopment analysis（DEA）is using to evaluate related efficiency & competitive between these companies；secondly, use Stochastic Statistical frontier approach (SFA) to find out the results, finally comparing the results of how one of the quality variables effect to inefficiency evaluated by both methods.
In this paper, we try to discuss the relations between quality factors of TS16949 ＆ debit amount and inefficiency which seldom to be discussed in the past for automobile industry.
Results found that the sorting in TE（Total efficiency）had a same direction of significant positive relation and the companies which under a conditional limited scale with TS16949 certification have a positive relations to reduce inefficiencies in both methods(DEA and SFA).
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