



A study on efficiency analysis about the public libraries using DEA/Window model and AHP.

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The supply of public libraries in Korea has been rapidly improving since 1997 because of the recent increase for cultural demands and interest. But the supply policy based quantity is imposing a heavy burden on fiscal of local governments.

So this paper aims to analyze the efficiency about the public library in Korea using DEA/Window model and Analytic Hierarchy Process (AHP). Non-parametric method such as DEA/Window model and AHP are efficiently used to measure efficiency of any organization in both quality and quantity. The 607 public libraries over the period 1997 ~ 2008 were selected to analyze the paper.

The results showed that average efficiency of the public library show a downward trend over the period. So this paper provides the alternative policies for the improvement of efficiency.

Keyword: public library, Efficiency, DEA/Window, AHP