Do We Cooperate or Compete for Sustainable Economic Growth?

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Abstract
Sustainable economic growth can be pursued through various approaches. This paper aims to explore the strategy between cooperation and competition for ultimate sustainability. Game theory is widely acknowledged to propose rational strategy for adopting particular perfect equilibrium point as the solution to cooperate or compete of a game. This paper is motivated to examine the insight from antitrust litigation initiated by European Union as a specific game. Especially when high-tech industry strives to penetrate global market, the issue of fair competition and efficiency has attracted growing interest. How to establish a set of effective mechanisms to deal with these issues becomes inevitable such as TFT-LCD manufacturers recently. Thus, this paper conducts a simulation research to discuss related strategy to cope with the lawsuit resulting from fix-pricing cartel on TFT-LCD products from the standpoints of six global key panel makers to analyze a desirable win-win strategy.