

論文の内容の要旨

論文題目 Investigating the impact of consumer behavior on the East Asian transportation sector
 (東アジアの運輸部門における消費者行動の影響に関する研究)
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This study investigates the diverse impact of consumer behaviors in the East Asian Transportation Sector, including energy rebounds, travel behavior, and mode choices according to environmental awareness.

In the first part, this study decomposes the impacts of consumer preferences and technological advancement towards emissions through the econometric approach, then explore the existence and the size of the rebound effects--energy efficiency improvements and fuel consumption in Japan and Korea, using three analyses.

The second part of this study focuses on the travel behaviors, by exploring factors influencing travel distances in Japan, through investigating income group, region, hybrid interest, travel purposes, vehicle type, and demographics, with the data collected by surveys. The third part of this study explores whether different perspectives towards the environment are correlated to the people's bike-sharing choice in Tokyo and Shanghai. Notably, in both cities, results indicate that positive aspects such as conserving the natural environment are not correlated to bike-sharing decisions when people are commuting. Based on five empirical studies, this study provides guidelines to policymakers in the East Asian transportation sector, by highlighting that consumer behaviors differ by countries and situations and calculating the size of rebounds.