

# タクシーにおける営業戦略が収入及び事故に与える影響

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## Influence which Taxi Operating Strategy has on Income and Traffic Accident

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2002年のタクシー業界における規制緩和以降、多くの都市では新規参入や増車が相次ぐものに見合った需要の増加がない地域もあり、ドライバーの収入が改善されない状況が続き労働環境悪化が懸念されている。本研究では地域によって異なる需要構造を分析し、増車による需要への効果と、それがドライバーや事故に与えた影響を分析し、地域によって規制緩和策が及ぼす影響に違いがあることがわかった。またドライバーの営業戦略をみると、仙台市の現状下では二重駐車等の違法行為が収入に結びつきやすくなっていることがわかった。

After the deregulation in taxi industry in 2002, many taxi companies increase their number of taxis or new company started to pop up one after another in many cities. In spite of the phenomenon, there haven't still increased the demand of taxis in some cities, and labor environments of taxi drivers are getting worse because of low-income. In this study, we analyze the structure of the demand which is different by regions, and I found the effect of increasing the number of taxis on the demand. And by analyzing the effect of this phenomenon on traffic accidents or taxi drivers, I found that the effect of deregulation is different by region. What's more, searching the taxi operating strategies, I found that under the actual condition of Sendai city, taxi drivers can earn their income more easily by doing illegal behaviors.

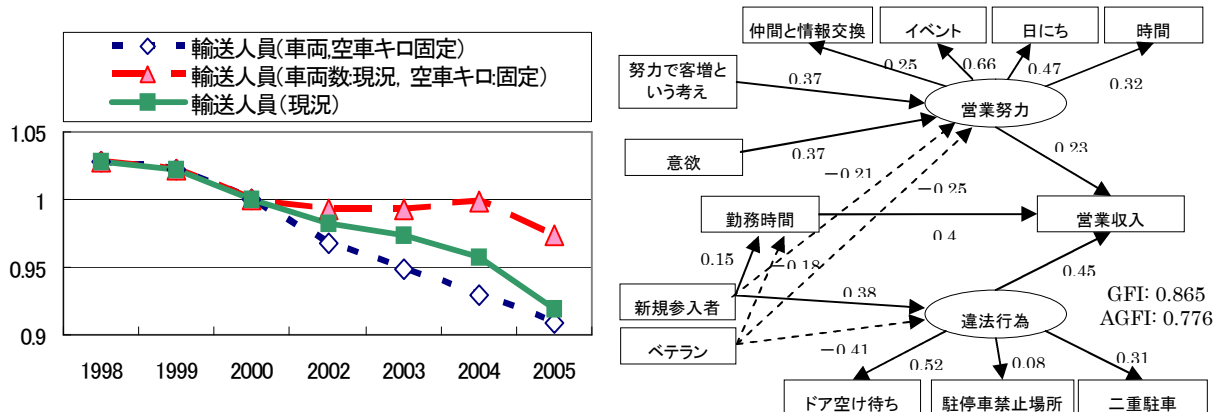


Figure 1(left). The effect of service level on taxi demand in Miyagi prefecture

Figure 2(right). Operating strategies modeling of taxi drivers in Sendai city