

## 日本経済学会 2005 年度秋季大会報告論文要旨

報告論文題目：Are Gambling and Smoking Complementary?

Direct Tests from Japanese Individual Data

報告時間：2005 年 9 月 18 日（日）AM12:15-12:30

報告場所：中央大学多摩キャンパス 会場 A-12

報告セッション名：医療提供者の行動及び喫煙行動

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### 報告要旨

I used a unique individual dataset to clarify the relation between pachinko gambling and smoking. I showed that they are positively correlated, and I also showed their causality. Pachinko gambling increases smoking; thus, smoking is complementary to gambling. On the other hand, the desire to play pachinko in premises where a smoking ban is operative decreases, owing to the status of smoking in these premises; thus, pachinko is also complementary to smoking. Because smoking is harmful to health and gambling causes household bankruptcy in Japan (strong negative externalities), some regulation policies (smoking ban, etc.) are needed. Because of their complementarity, the effect of regulation is expected to be greater than usual.

JEL classification: D12, E21, E29

Keywords: two addictive goods, rational addiction, pachinko gambling, smoking, complementary