Do Individuals have Consistent Risk Preferences across Domains?

Evidence from the Japanese Insurance Market

Yoichiro Fujii and Noriko Inakura†

Abstract

Because the degree of risk aversion plays an important role in analyzing decision

making under risk and uncertainty, it is essential to confirm whether the risk aversion

parameter estimated in a certain situation, also called a "domain," can be generalized

to other situations. By using micro-level data on the Japanese population, we compare

respondents' risk preferences related to their insurance choices with those inferred from

their general risk aversion. We find that individuals' risk aversion is not consistent

across domains.

Keywords: risk preference, domain, insurance choices

JEL classification numbers: D81, G22, I13

[†] Yoichiro Fujii: Osaka Sangyo University, Nakagaito, Daito, Osaka 574-8530, Japan. (Email: fujii@eco.osaka-sandai.ac.jp). Noriko Inakura (corresponding author): Osaka Sangyo University, Nakagaito, Daito, Osaka 574-8530, Japan. (Email: ninakura@gmail.com). The data for this research were provided by (1) the Japan Institute of Life Insurance and (2) the Social Science Japan Data Archive, Center for Social Research and Data Archives, Institute of Social Science, The University of Tokyo. We are grateful to both organizations for providing the data. We also thank Yoshihiko Suzawa, Shinji Takenaka, and the participants of the Asia-Pacific Risk and Insurance Annual Meeting 2017 held at Poznań University. This work was supported by The Focused Research of Osaka Sangyo University.