Who can Control Their Own Wages?*

Izumi Yokoyama[†]
Hitotsubashi University
Naomi Kodama[‡]
Hitotsubashi University and RIETI
Yoshio Higuchi[§]
Keio University and RIETI

January 21, 2016

Abstract

Driven by the prolonged economic stagnation since the 1990s, rapid changes in the labor market have had an impact on the wages of workers in Japan. Those changes include an aging workforce, the rapid rise in the educational attainment of workers, women's participation in the labor market, the increase in the number of part-time workers, and industrial structural changes. The large Japanese governmental dataset finds that low-earners are likely to be affected by structural effects, such as a change in educational return, industrial structural changes, and business cycle. These factors are what they cannot control, and thus low-earners can be very vulnerable to external environmental changes. In contrast, wage changes of high-earners can be explained mainly by factors they can control, such as workers' attributes (education, tenure, firm size, etc.)

JEL Classification: J11, J31, J82

Keywords: Inequality, Wage change, Quantile analysis, Firpo, Fortin, and Lemieux decomposition

^{*}This study has been supported by the Institute of Economic Research at Hitotsubashi University and the Effect of Diversity on Economic Growth and Business Competitiveness program of the Research Institute of Economy, Trade, and Industry (RIETI). We thank the Ministry of Health, Labor, and Welfare for granting us access to the data. The views expressed in this paper are solely those of the authors and do not necessarily reflect the views of the organizations with which the authors are affiliated.

[†]Received a Ph.D. in Economics from the University of Michigan in 2013. Current Position: Assistant Professor, Postal Address: 2-1, Naka, Kunitachi, Tokyo, Japan, 186-8601. Email: izumi.yokoyama@r.hit-u.ac.jp. Tel: +81-42-580-8598. Fax: +81-42-580-8598.

[‡]Associate Professor, Institute of Economic Research, Hitotsubashi University and Consulting Fellow of Research Institute of Economy, Trade and Industry. Postal Address: 2-1, Naka, Kunitachi, Tokyo, Japan, 186-8601. Email: kodaman@ier.hit-u.ac.jp. Tel: +81-42-580-8365. Fax: +81-42-580-8365.

[§]Professor, Faculty of Business and Commerce, Keio University, Postal Address: 2-15-45, Mita, Minatoku, Tokyo, Japan, 108-8345. Email: higuchi@fbc.keio.ac.jp. Tel: +81-3-5427-1227. Fax: +81-3-5427-1578.