## Accepted Manuscript

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PII: S1042-444X(16)30084-6

DOI: http://dx.doi.org/doi:10.1016/j.mulfin.2017.07.001

Reference: MULFIN 534

To appear in: J. of Multi. Fin. Manag.

Received date: 18-10-2016 Revised date: 5-6-2017 Accepted date: 10-7-2017

Please cite this article as: Katsutoshi Shimizu, Kim Cuong Ly, Were regulatory interventions effective in lowering systemic risk during the financial crisis in Japan?, <![CDATA[Journal of Multinational Financial Management]]> (2017), http://dx.doi.org/10.1016/j.mulfin.2017.07.001

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### ACCEPTED MANUSCRIPT

Were regulatory interventions effective in lowering systemic risk during the financial crisis in Japan?

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#### Abstract

This study empirically examines the effectiveness of various regulatory interventions on systemic risk during the financial crisis in Japan. Our findings generally show that the regulatory interventions worked effectively through the liquidity provision. That is, the public fund injection programs, the prompt corrective actions, and the blanket guarantee reduced systemic risk. The simple government intervention package to bail out distressed "too-big-to-fail" banks stabilized the banking system via the external channel whereas the massive bailout scheme suffered the "too-many-to-fail" problem in the sense that it increased systemic risk through both direct spillover and external channels. This study suggests that the effective government intervention should be restricted to a limited number of bailouts to reduce systemic risk.

Keywords: financial crisis, systemic risk, deposit insurance, public fund injection, bank failure

JEL classification: G21; G28; G18; G14; G32

<sup>&</sup>lt;sup>☆</sup>The first author acknowledges funding supports from Grant-in-Aid for Scientific Research. We would like to acknowledge helpful comments on the earlier version from Masayasu Kanno, Wako Watanabe, Yuuki Teranishi, and the participants at 2015 annual meeting of Nippon Finance Association, 2015 annual meeting of Japanese Association of Financial Econometrics and Engineering, 5th International Conference of the Financial Engineering and Banking Society, Singapore Economic Review Conference 2015, and seminars at Osaka University and Keio University.

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