

Anatomy of out-of-court debt workouts for SMEs*

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December 5, 2023

Abstract

In this study, we use a detailed and comprehensive dataset on out-of-court debt workouts for distressed small and medium-sized enterprises in Japan to describe characteristics of these workouts. We then investigate their determinants and the subsequent effects on firm performance. We find that most debt restructurings involve a rescheduling (deferral of debt repayment). In contrast, firms infrequently use more drastic measures, some of which reduce their debt overhang. For the determinants, firms with operating surpluses and negative net worth are more likely to take a drastic measure to restructure debt, which is consistent with the debt overhang theory. Firms with operating surpluses are more likely to adopt measures to hold management responsible and to use new outside executives. For performance, firms that use drastic debt restructurings have better gross sales and profits. Firms that use restructuring to hold management more responsible reduce employment and improve profits. These results indicate that firms that use measures to reduce their debt overhang and limit their moral hazard improved their performance.

Keywords: out-of-court debt workouts, debt overhang, moral hazard, zombie firms

JEL classifications: G21, G33, G34

* This study was conducted as part of the project “Study on Corporate Finance and Firm Dynamics” undertaken at the Research Institute of Economy, Trade and Industry (RIETI). We are grateful to the Small and Medium Enterprise Agency for the use of the data on private workouts through the SME Revitalization Support Councils, and the RIETI and the Tokyo Shoko Research for the use of the financial data on firms. We gratefully acknowledge that the research is financially supported by the JSPS Grant-in-Aid for Scientific Research Nos. 20H01517, 21H04394, and 21H00729.

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