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Guglielmo Maria Caporale, Mario Cerrato, Xuan Zhang

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#### ACCEPTED MANUSCRIPT

## Analysing the Determinants of Insolvency Risk for General Insurance Firms in the UK

Guglielmo Maria Caporale<sup>1,\*</sup>, Mario Cerrato<sup>2</sup>, Xuan Zhang<sup>3</sup>

<sup>1</sup>Brunel University London

<sup>2</sup>University of Glasgow

<sup>3</sup>University of Glasgow

\*Corresponding author. Department of Economics and Finance, Brunel University London, Kingston Lane, Uxbridge, UB8 3PH, United Kingdom. Email: <a href="mailto:Guglielmo-Maria.Caporale@brunel.ac.uk">Guglielmo-Maria.Caporale@brunel.ac.uk</a> Tel. +44 (0)1895 266713

#### **Abstract**

This paper estimates a reduced-form model to assess the insolvency risk of General Insurance (GI) firms in the UK. In comparison to earlier studies, it uses a much larger sample including 30 years of data for 515 firms, and also considers a much wider set of possible determinants of insolvency risk. The empirical results suggest that macroeconomic and firm-specific factors both play important roles. Other key findings are the following: insolvency risk varies across firms depending on their business lines; there is default clustering in the GI industry; different reinsurance levels also affect the insolvency risk of insurance firms. The implications of these findings for regulators of GI firms under the newly launched *Solvency II* are discussed.

Keywords: Insolvency; Doubly Stochastic Poisson Process; Insurance; Reinsurance

JEL classification: G22, C58

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