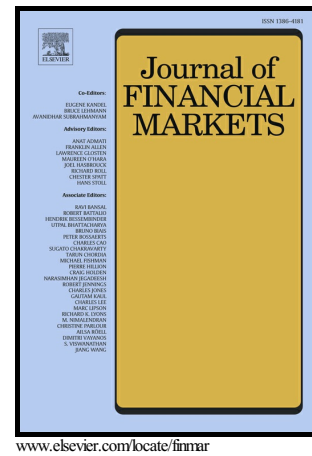


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An empirical investigation

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The relationship between equity and bond returns:**An empirical investigation**

Amer Demirovic^a, Cherif Guermat^b and Jon Tucker^{b,*}

^a *Sarajevo School of Science and Technology, Hrasnička cesta 3a, Sarajevo, 71 000,
Bosnia and Herzegovina*

^b *Centre for Global Finance, Faculty of Business & Law, University of the West of England,
Frenchay Campus, Coldharbour Lane, Bristol BS16 1QY, United Kingdom*

Abstract: The correlation between equity and corporate debt is ambiguous. News affecting the value of a firm's assets induces a positive correlation, whereas an increase in the volatility of a firm's assets induces a negative correlation. We examine the conditional correlation between these two securities. While the average correlation is positive, the conditional correlation increases with credit risk, and decreases with equity volatility. Our results are consistent with the thesis that the equity bond relation is dependent on the potential wealth transfer between stock and debt holders. Nevertheless, this relation seems to break down during periods of extreme market uncertainty.

Keywords:

Equity-bond correlation; distance to default; equity volatility

JEL classification:

G11; G12; G14

* Corresponding author. Tel.: +44(0)1173283754; fax: +44(0)1173282289.

Email addresses: amer.demirovic@ssst.edu.ba (A. Demirovic), Cherif.Guermat@uwe.ac.uk (C. Guermat), Jon.Tucker@uwe.ac.uk (J. Tucker)

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