

Applied Economics Letters >

Volume 19, 2012 - [Issue 7](#)

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Original Articles

Beyond reasonable doubt: multiple tail risk measures applied to European industries

David Edmund Allen, Robert John Powell  & Abhay Kumar Singh

Pages 671-676 | Published online: 24 Aug 2011

🗨️ Cite this article  <https://doi.org/10.1080/13504851.2011.593496>

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Abstract

Using a comprehensive range of metrics, this article determines how relative market and credit risk change among European sectors during extreme market fluctuations. Differences are found between conditional and nonconditional outcomes, and sectors which were most risky prior to the Global Financial Crisis (GFC) are found to be different to the riskiest sectors during the GFC. These findings are consistent across the metrics used. The insights into extreme sectoral risk are important to investors in portfolio selection and to banks in setting sectoral concentration limits.

Keywords:

market risk

credit risk

value at risk

conditional value at risk

distance to default

JEL Classification:

Notes

Related Research Data

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[Coherent Measures of Risk](#)

Source: Mathematical Finance

[Optimising a Mining Portfolio Using CVaR](#)

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[Default Risk in Equity Returns](#)

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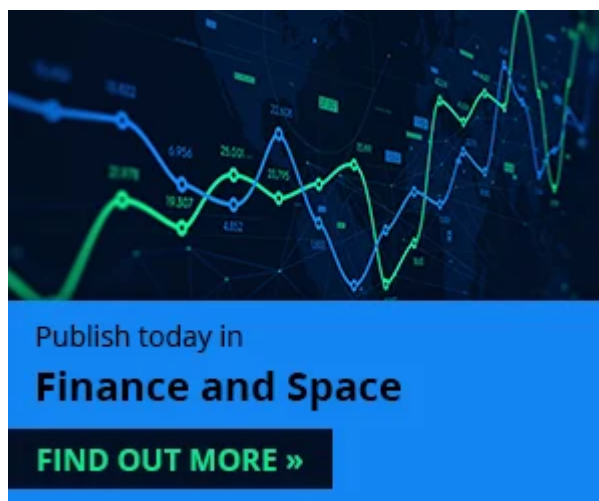
[Optimization of conditional value-at-risk](#)

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