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The relationship between pension funds and the stock market: Does the aging population of Europe affect it?

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CCEPTED MANUS

The relationship between pension funds and the stock market: does the aging

population of Europe affect it?

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**Abstract** 

In recent decades, pension fund investment has increased rapidly because of population

aging and growing doubts about the viability of western public pension systems. As a

result, pension funds have become dominant in stock markets. This paper examines the

influence of the pension fund assets invested in equities on stock market development

and the market efficiency of 13 European countries, from 1999 to 2014. Our results

vary by country, by pension model and among the one-model countries. Nevertheless,

we find a generalized direct pension fund influence on stock market development, and

pension funds contribute both market expansions and contractions. We also find greater

pension fund influence on stock market development when the population increases,

revealing a concern about saving for retirement. Finally, our efficiency analysis reveals

that the influence of pension funds varies over time and across markets, due to arbitrage

opportunities that provoke adaptive managerial strategies.

**Keywords:** capitalization, development, efficiency, pension funds, stock market

**JEL codes:** G10, G14, G23

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