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## **Feature Articles**

This month's focus: Share Repurchases under Uncertainty

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#### Articles

#### Relationship Between Payout Policy and Corporate Governance: Focus on Japanese Stewardship Code and Corporate Governance Code

19 This study examined the impact of the Stewardship Code and Corporate Governance Code on payout policy. As a result, on average, after both codes came into effect, it was found that firms with higher shareholding ratios on the part of investors who have the incentive to monitor (i.e., institutional investors, and foreign investors) prefer buybacks over dividends. In addition, after both codes have come into effect, (1) firms with low average ROE and dividend payout ratio over the past five years, and (2) those with high risk of overinvestment prefer dividends, while firms with higher shareholding ratios of investors who have these incentives tended to pay out within a range that would not be a burden in the future. Moreover, after both codes have come into effect it has become clear that these types of investors generally prefer buybacks when firms are considerably subject to economic uncertainty.

#### Share Repurchase-induced EPS Management under Uncertainty

This paper examines how uncertainty is related with share repurchase-induced EPS (earnings per shares) management. The results show that repurchasing firms experience a decrease in EPS, not increase, although firms are likely to repurchase more shares under uncertainty. Consistent with the decrease in EPS after repurchases, it is also found that repurchase under uncertainty is not an effective tool for earnings management to avoid missing management EPS forecasts.

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### Articles

VAR Analysis in Term Structure Spillovers of Interest Rates: Bayesian Approach of the Affine Arbitrage-Free Class of Nelson-Siegel Term Structure Models

..... Tomoyuki Takami, CMA 77

In this paper, after analyzing the decline in the term premium of long-term interest rates and rise in international spillovers, I clarify the impact of Japanese investors activating the movement to search for yield in overseas markets against the background of the ultra-low interest rate environment. By a Bayesian estimation of the Arbitrage-Free Dynamic Nelson-Siegel model, which can satisfy both the viewpoints of consistency with finance theory and empirical performance, I extract term premium and then analyze it using the time-varying parameter vector autoregression model.

#### Measuring Factor Crowding in the Japanese Stock Market

Since successful quantitative funds suffered a major loss in the Paribas shock, crowding, which represents a concentration of capital on a specific investment strategy has attracted attention. Measuring crowding enables us to use various applications. However, there are many challenges in measuring crowding. In this paper, we propose CoFactor, a new method of measuring the crowding of stock factor investment strategies. Empirical analysis in the Japanese stock market demonstrates that CoFactor is (1) sensitive to crowding and capable of detecting veiled herding which existing methods cannot reveal, and (2) likely to predict bubbles and crashes.

# Special Posting

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