

總體經濟變數與共同基金流量之動態關聯探討：美國與台灣為例

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摘要

本研究目的為探討共同基金流量(MFF)及總體經濟變數之長期與短期動態關聯。本文為考慮金融危機衝擊，總經變數裡包含美國與日本之工業生產指數(IPI)，利率(INT)，通貨膨脹率(IFL)，匯率(EXC)與失業率(UR)。共整合檢定結果顯示，MFF與總體經濟變數存在長期關係。此外，誤差修正模型結果指出，美台兩國投資者可依據過去MFF與總經變數的歷史數值資訊，以預測現今之共同基金流量。最後，金融危機對美國與台灣的共同基金流量造成了明顯衝擊。

關鍵詞：共同基金流量、總體經濟、共整合檢定、預測誤差修正模型

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參考文獻

- Anderson, S. C., Coleman, B. J., Frohlich, Cheryl J., & Steagall, J. (2001). Multifactor analysis of country fund returns. *The Journal of Financial Research*, 3, 331-346. Asterious, D., & Hall, S. G. (2007). *Applied econometrics: A modern approach*. New York: Palgrave Macmillan. Benson, K. L., & Faff, R. W. (2003). Exchange rate sensitivity of Australian international equity funds. *Global Finance Journal*, 14, 95-120. Benson, K. L., & Faff, R. W. (2006). Conditional performance evaluation and the relevance of money flows for Australian international equity funds. *Pacific-Basin Finance Journal*, 14, 231-249. Boyer, B., & Zheng, Lu (2009). Investor flows and stock market returns. *Journal of Empirical Finance*, 16, 87-100. Brooks, C. (2002). *Introductory econometrics for finance*. New York: Cambridge University Press. Chiang, T. C., Kimb, D., & Lee, E. (2006). Country-fund discounts and risk: Evidence from stock market volatility and macroeconomic volatility. *Journal of Economics and Business*, 58, 303-322. Chinn, M. D., & Jeffrey A. F. (1995). Who drives real interest rates around the Pacific Rim: the USA or Japan? *Journal of International Money and Finance*, 14(6), 801-821. Chordia, T. (1996). The structure of mutual fund charges. *Journal of Financial Economics*, 41, 3-39. Chou, W. L., & Gau, J. J. S. (2007). Industrial business cycle linkages between Taiwan and the United States: Evidence from the IT industry. *Journal of Asian Economics*, 18, 439-447. Chua, C. T., Lai, S., & Wu, Y. (2008). Effective fair pricing of international mutual funds. *Journal of Banking and Finance*, 32, 2307-2324 Connor, G., & Korajczyk, R. A. (1991). The attributes, behavior, and performance of U.S. mutual funds. *Review of Quantitative Finance and Accounting*, 1, 5-26. Duca, J. V. (2005). Why have U.S. households increasing in relied on mutual funds to own equity? *Review of Income and Wealth Series*, 51(3), 375-396. Elkinawwy, S. (2005). Mutual fund preferences for Latin American equities surrounding financial crises. *Emerging Markets Review*, 6, 211-237. Elton E. J., Gruber, M. J., & Blak C. R. (1995). Fundamental economic variables, expected returns, and bond fund performance. *The Journal of Finance*, 8, 1229-56. Fortune, P. (1998). Mutual funds, part II: fund flows and security returns. *New England Economic Review*, 12, 3-23. Gallagher, D. R., & Jarnevic, E. (2002). The performance of active Australian bond fund. *Australian Journal of Management*, 27(2), 163-185. Gebka, B., & Serwa, D. (2006). Are financial spillovers stable across regimes? Evidence from the 1997 Asian crisis. *International Journal of International Financial Markets, Institutions and Money*, 16, 301-317. Greene, W. H. (2008). *Econometric*

analysis, sixth edition. New York: Pearson International Edition. Guiso L., Haliassos, M., & Jappelli, T. (2003). Household stockholding in Europe: Where do we stand and where do we go? *Economic Policy*, 18 (36), 123-170. Hsiao, F. S. T., Hsiao, M. C. W., & Yamashita, A. (2004). The Impact of the US Economy on the Asia-Pacific Region: Does it Matter? *Journal of Asian Economics*, 14(2), 219-241. Johnson, G., Schneeweis, T., & William D. (1993). Closed-end funds: Exchange rate and Investment rate. *Financial Analysts Journal*, 15, 333-345. Jr, T. M. B., Joutz, F. L., & Maxwell, W. F. (2000). Factors affecting the yields on noninvestmen grade bond indices: a cointegration analysis. *Journal of Empirical Finance*, 7, 57-86. Kaul, A., & Phillips, B. (2008). Economic conditions, flight to quality and mutual fund flows. *Journal of Empirical Finance*, 9, 27-36. Klapper, L., Sulla, V., & Vittas, D. (2004). The development of mutual funds around the world. *Emerging Markets Review*, 5, 1-38. Li, Y., & Wang, K. (1995). The predictability of REIT returns and market segmentation. *Journal of Real Estate Research*, 10(4), 471-482. Ling, D., & Naranjo, A. (2006). Dedicated REIT mutual fund flows and REIT performance. *The Journal of Real Estate Finance and Economics*, 32(4), 409-433. Ng, A. (2000). Volatility spillover effects from Japan and the US to the Pacific-Basin. *Journal of International Money and Finance*, 19, 207-233. Oh, N. Y., & Parwada, J. T. (2007). Relations between mutual fund flows and stock market returns in Korea. *International Journal of International Financial Markets, Institutions and Money*, 17, 140-151. Phylaktis, K. (1997). Capital market integration in the Pacific-Basin region: An analysis of real interest rate linkages 1972-1991. *Pacific-Basin Finance Journal*, 5, 195-213. Political Risk Yearbook: Taiwan Country Report (2004). London: Economist Intelligence Unit Political Risk Yearbook: United States Country Report (2006). New York: PRS Group, Inc. Political Risk Yearbook: United States Country Report (2009). New York: PRS Group, Inc. Reid, B. (2000). The 1990s: A decade of expansion and change in the US mutual fund industry. *Perspective*, 6, 6-14. Santini, D. L., & Aber, J. W. (1996). Investor response to mutual fund policy variables. *The Financial Review*, 31(4), 765-781. Santini, D. L., & Aber, J. W. (1998). Determinants of net new money flows to the equity mutual fund industry. *Journal of Economics and Business*, 28, 419-429. Swanson, P. E., & Tsai, P. J. (2005). Closed-end country funds and the role of exchange rates in pricing and in determination of premiums and discounts. *Journal of Economics and Business*, 57, 388-410. Syriopoulos, T. (2002). Risk aversion and portfolio allocation to mutual fund classes. *International Review of Economic and Finance*, 11, 427-447. Tsay, R. S. (2005). Analysis of financial time series, second edition. New Jersey: A John Wiley & Sons, INC., Publication. Wei, K. C. J., Liu, Y. J., Yang, C. C., & Chaung, G. S. (1995). Volatility and price change spillover effects across the developed and emerging markets. *Pacific-Basin Finance Journal*, 3, 113-136.