Discussion of:

“Active Monetary or Fiscal Policy and Stock-Bond Correlation”

by Li, Zha, Zhang, and Zhou

Pasquale Della Corte

Imperial College London & CEPR

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This paper provides an explanation that rationalizes the time-varying correlation between stock and bond returns for the US.

A model with active/passive monetary and fiscal policy regimes.
What Do We Learn?

✓ Active Monetary & Passive Fiscal Policy (AMPF)
  - The key driver is the permanent technology shock,
  - The resulting stock-bond correlation is positive.

✓ Passive Monetary & Active Fiscal Policy (AMPF)
  - The primary driver is the marginal efficiency of investment shock,
  - The implied stock-bond correlation is negative.

✓ Passive Monetary & Fiscal Policy (AMPF)
  - Both technology & monetary policy shocks dominate the marginal efficiency of investment shock,
  - The implied stock-bond correlation is positive.

✓ Active Monetary & Fiscal Policy (AMPF): no equilibrium.
My First Reaction

“An excellent paper, a rich model and interesting implications”
Comment I

On the negative stock-bond correlation

✓ The stock-bond correlation has been persistently negative since the financial crisis. Other PMAF regimes display a positive correlation.

✓ Was monetary policy really passive over the last decade?
  
  Yes if you consider an inflation-targeting policy under financial stability

Perhaps No if you consider an inflation-targeting policy under financial instability

✓ The Taylor rule ignores how the Fed deals with financial instability
  
  • An augmented rule where the Fed takes into account the deterioration in the balance sheet of financial intermediary and responds with a loose monetary policy,

  • This would allow you to possibly explore a different channel.
Comment 1 (cont’d)

On the negative stock-bond correlation

✓ The post-crisis strong negative stock-bond correlation due to QE

- Low Fed Funds rate drove bond yields ↓ and stock prices ↑,
- A decline in the supply of bonds due to QE pushes bond prices up,
- Low bond yields force investors to migrate towards the stock market seeking better yields thus moving up stock prices.

✓ What’s the next?

- The Fed has changed its stance on rates after the stock market tumbled in December 2018 and an interest hike is unlikely
- The change in the monetary policy has been pushing the stock market up,
- The increased bond supply due to the extra deficit is likely to push bond yields up as investor demand higher compensation for risk,
- Will the stock-bond correlation move into a positive territory?
A simple Kalman Filter with time-varying betas using monthly data,

- A positive correlation during the 1800, especially in the second half,
- Can you categorize this period as AMPF regime?
- Data are from Global Financial Data
A simple Kalman Filter with time-varying betas using monthly data,

- The stock-bond correlation for the UK is mostly positive, with the exception of the last decade.
A simple Kalman Filter with time-varying betas using monthly data,

- The stock-bond correlation for Japan is mostly positive, with the exception of the last 3 decades.
Comment IV

How big is the gain for investors?

✓ A negative correlation implies that
  - Bonds are a good hedge against an equity market sell-off,
  - Can you quantify in the model the diversification benefit for investor?
Other Comments

✓ Flight-to-safety and flight-to-liquidity?
  - An open-economy model with capital flows?

✓ Can you exploit the stock-bond correlation in the cross-section?
  - Stocks that are more sensitive to permanent technology shocks?
  - Stocks that are more sensitive to marginal efficiency of investment shocks?
  - Pro-cyclical vs counter-cyclical stocks? Different sensitivity to expected aggregate cash-flows
Conclusion

✓ It is an interesting paper with lots of new results.
✓ I have enjoyed very much reading it.
✓ I look forward to reading the revised version of this paper.
✓ I will definitely add it to my reading list.

Thank you!