

COMMENTARY

**Financial Regulation after the Crisis:
How Did We Get Here, and How Do We Get Out?**

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This paper makes very controversial points. Jerry Caprio argues that the attempts to improve banking regulation in the last 40 years have been totally misguided and we need to “reboot” the process. The paper focuses in particular on the Basel capital ratio regulation and argues that the regulation has grown more complicated without making the financial system any safer. Worse, the Basel’s regulation was at least partially responsible for the global financial crisis. The approach to apply the same risk weights or the same risk management model for all the banks in all the countries ended up increasing correlation of banks’ exposures. These problems intensified in Basel III, which makes the financial regulation more complex and less transparent. So Caprio recommends rolling back the Basel regulation and replacing the risk-weighted capital regulation with simple leverage ratio regulation supplemented by conditional convertible debt, or CoCos.

Caprio also points out some regulatory failures during the global financial crisis. The British Financial Services Authority did not intervene in Northern Rock in time and on the contrary allowed them to increase dividends shortly before the failure. The regulators in the United States did not act on widespread fraud in mortgage markets in the early 2000s or on the clear signs of more risk-taking by banks (such as NINJA loans). But the regulators do not seem to be held accountable. So Caprio recommends creation of a sentinel, which collects and disseminates information on financial regulation and supervision, so that the market can discipline the regulator. The idea is more fully discussed in Barth, Caprio, and Levine (2012).

Unfortunately, the analysis and recommendations in this paper have not become a consensus view. Basel III implementation is still going forward. Indeed the U.S. regulatory authority has just announced the final implementing regulation for the liquidity coverage ratio, which is a new part in Basel III,

for large U.S. banks. I have not heard that any country plans to create a sentinel, either. So the points made in this paper remain controversial.

But I completely agree with the author. Indeed I would go further and argue that what he suggests in this paper—getting rid of risk weights, requiring banks to issue CoCos, and making regulators accountable—are just the beginning. We should consider a lot more.

I divide my comment into two parts. The first part points out some financial regulations other than the capital ratio regulation that should also be reconsidered. The second part points out some recent attempts to improve financial regulations other than CoCos that may actually be useful and can be salvaged. So I argue the recent efforts by many including the people in this room were not a total waste.

First, let me point out some financial regulations other than Basel capital ratio regulation that should be reconsidered.

The first one is actually a part of the Basel III regulation: the liquidity coverage ratio regulation. Under this regulation, banks would be required to hold a large enough amount of high quality liquid assets to survive 30 days during a stress. The liquidity regulation has problems similar to the capital ratio regulation. In calculating the denominator of capital ratio, each asset is assigned a “risk weight” and the risk-weighted assets are calculated as the risk-weighted amount of assets. Similarly, the numerator of the liquidity coverage ratio is calculated as the sum of various liquid assets weighted by the “haircuts,” which can be considered the liquidity weights of assets. For example, Level 1 assets such as cash and U.S. Treasury bills are given zero haircuts or 100 percent liquidity weight and Level 2A assets such as mortgage-backed securities guaranteed by the government-sponsored enterprises are given 15 percent haircuts or 85 percent liquidity weights. Just as the Basel capital ratio regulation made banks hold assets with the highest expected returns among assets with the same risk weights, the new liquidity coverage ratio regulation will make banks hold assets with the highest expected returns among the assets with the same liquidity weights, and hold assets with the highest liquidity weights among assets with similar risk-return profiles.

The liquidity ratio regulation also increases the correlation of asset holdings across banks, similar to the capital ratio regulation; this will actually lead to a more serious problem because the liquidity of many assets depends on the existence of a well-functioning secondary market. If all banks rely on the same type of asset to secure liquidity during a stress situation, all banks will try to sell the same type of asset during a stress, leaving no one on the other side of

the market, which makes the asset illiquid. In this case, the liquidity disappears exactly when it is needed most. In this sense, the problem is very similar to that of counting deferred tax assets as a part of capital, which became obvious during the banking crisis in Japan. The deferred tax assets disappear exactly when we need bank capital as a buffer.

So, it is better to replace the liquidity coverage ratio regulation with something less distortionary and simpler. One such candidate is the requirement to just disclose a simple liquidity indicator without arbitrary assumptions on haircuts and run-off ratios, as Shadow Financial Regulatory Committees of Asia, Australia-New Zealand, Europe, Japan, Latin America, and the United States (2013) proposed.

To reboot the Basel approach as Caprio suggests, we would need to go back 40 years, but to roll back the liquidity ratio regulation, we only need to go back four years at most, so it is worth consideration.

My next suggestion would take us back more than 40 years. An important reason we need any regulation on bank leverage is because monitoring by debt holders, which would limit leverage in many other industries, does not work in banking. In many countries, deposits and often other bank liabilities are insured or otherwise protected by governments, so the debt holders are indifferent toward bank risk-taking. Since the equity holders welcome risk-taking by banks, especially when the amount of equity is small, banks end up overleveraged in the absence of regulations that would limit leverage.

Protection of depositors, especially small deposits, is usually justified on the grounds that uninformed depositors may run on a solvent bank and create a self-fulfilling bank failure. But, in today's world, where developments in information and communication technology have substantially reduced the cost of acquiring information, I think we should at least question the traditional assumption that depositors are uninformed. If it is not too much to ask depositors to be informed about the financial health of the banks they deal with, then we may be able to get rid of deposit insurance and protection of bank liabilities.

Even if it turns out that it is still expensive for all depositors to be reasonably well informed, there are other mechanisms such as narrow banking that limits the amount of deposits to be protected. At least, there seems to be no justification for protection of large bank creditors, which is still observed in many countries.

The third area for reconsideration is that financial regulation often tries to achieve multiple goals. Caprio points out that the Basel capital ratio regulation tries to pursue three objectives at the same time: "keeping the banking system

the information on financial regulation and supervision could be the first step toward empowering taxpayers, who end up paying the cost of financial crises, but I am not optimistic. After all, taxpayers and the general public are more dispersed than other stakeholders and face serious collective action problems.

Moreover, the problem of financial regulation entangled with social policy is even harder to solve, because a significant portion of the general public believes that they benefit from the social policy aspects of financial regulation. Some of them would actually claim that financial regulation should be strengthened to promote those social goods. More research into the politics of financial regulation is very important and urgent.

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