

Discussion of “**Calibrating the countercyclical capital buffer for Italy,**”

by Pierluigi Bologna & Maddalena Galardo

Mauricio Calani

Central Bank of Chile

Workshop “Macroprudential Policy and the CCyB”
Santiago, January 2024



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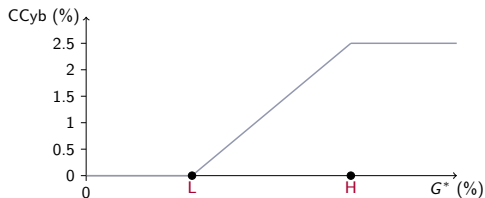
I. Brief summary

II. General Comments

III. Minor suggestions

IV. Wrapping up

- Calibrating $[L, H]$ bounds in the BCBS rule



- For instance, “ L ” should be high enough to avoid effects from too early an activation, low enough to allow a gradual accumulation
- Idea: $CCyB(G^*)$ should have good forecasting accuracy of financial risk

1. Interpretation of the main exercise
2. Choice of dependent variable: Bank vs Macro fragility
3. Choice of buffer guiding variable
4. Implications for policy

- Main specification

$$FinRisksLevel_t|\Psi = \alpha + \beta_\Psi CCyB(CreditToGDPGap_{t-4}^*|\Psi; L, H)$$

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- Yet, CCYB is part of regulatory framework $\Omega = \Omega(CCyB, \mathbf{E}(CCyB), CCB, P2, \text{etc.})$

$$FinRisksLevel_t(\Omega)|\Psi^C = \alpha + \hat{\beta}_\Psi CCyB(CreditToGDPGap_{t-4}^*(\Omega)|\Psi^C; L, H)$$

→ it will affect LHS and RHS variables (Aiyar et al. 2014; Gropp et al. 2019)

- **Suggestion:** Explore the direction of bias to let us interpret accordingly

- Variable of interest

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- What do capital buffers aim for?
 - ▶ Belong to macroprudential toolkit
 - ▶ “ ...to enable banks to absorb losses while maintaining the **provision of key services** to the real economy ...” (Macprudential Bulletin ECB, 2020) \rightarrow avoid excessive deleveraging (credit crunch), limit procyclicality

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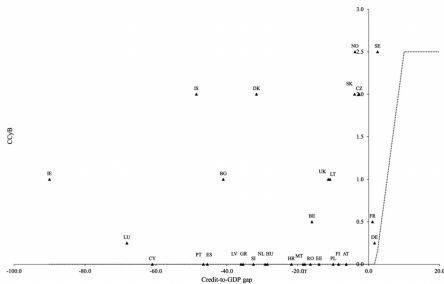
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- **Suggestion:** Consider a broader measure of macro-financial fragility indicators
 - ▶ Bank credit growth, profitability, delinquency, (Martinez, Matus, Oda 2018), financial conditions, asset prices

GC-3. Choice of buffer guiding variable

- A bit unfair from an academic point of view, but important for policy-makers
- BCBS & Credit-to-GDP gap: Most countries don't use it **activation**

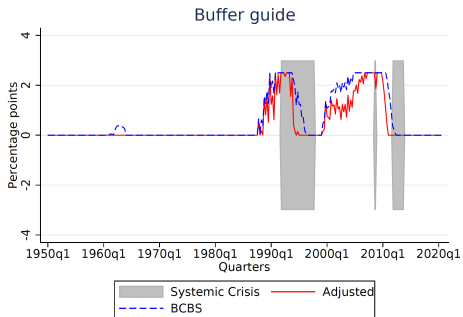
Figure: CCyB decisions and BCBS Buffer-Guide



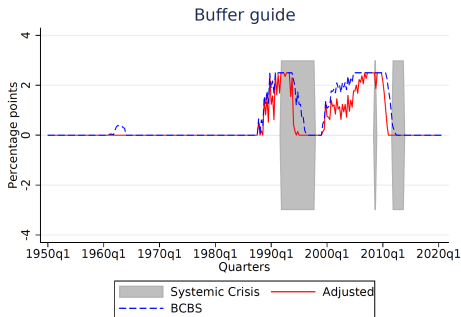
Source: Herz and Keller 2023

- Correctly calibrating $[L, H]$ seems second order for actual policy-makers
- Release decisions, however, needs a timely indicator

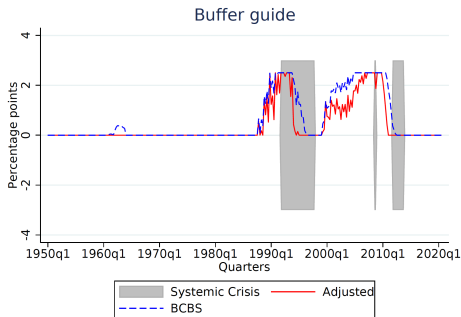
GC-4. Implications for policy



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 - ▶ Variability of CCyB can be detrimental for buffer usability in aftermath of financial crises (Schrot 2021)
 - ▶ If CCyB active for long periods, we might as well remove uncertainty



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- This framework → more useful for timely release decisions? Not conflict with a neutral approach

1. Robustness: I like Alessandri et al. (2015), but would like to see how it compares to C/Y, credit growth, H(many var), etc.
2. Bank vs total credit
3. Explain in more self-contained way AUROC

1. I applaud digging in the BCBS guideline's quantitative implications.
 - ▶ We need more research like this paper
2. I learn from this paper
 - ▶ If want to max chances of getting it right for crises → the buffer guideline may imply very long periods of positive CCyB before release
 - ▶ Would like to see how this extends to more definitions of macro-financial risk
3. My take: a neutral level seems to be a sensible idea, but still needs indicators for release timing. Here is a good one.

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