Interest Rate Uncertainty as a Policy Tool

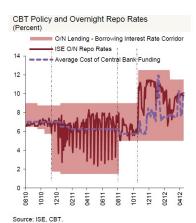
F. Ghironi & G. K. Ozhan

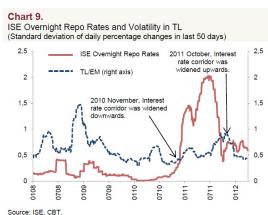
Discussion by Javier García-Cicco Central Bank of Argentina*

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^{*}The views expressed are those of the author and do not necessarily represent official positions of the Central Bank of Argentina or its Board members.

Motivation





▶ What are the macro effects of widening the O/N rate corridor?

Review of the Paper

This paper:



- Main channels:
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 - Precautionary inflation.
 - ► FDI effect (new).

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- My comments: Insightful first approach to the question.
 - ▶ The effects of domestic interest rate volatility.
 - lt's use as a policy tool.

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- Role of countercyclical markups.
 - Basu and Bundick (EMA, 2017), Seoane (IER, 2017).

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- Welfare analysis I:
 - ► How does welfare change in the presence of this shocks?
 - lacktriangle Traditional reasoning without inefficiencies: more volatility \Rightarrow less welfare.
 - With rigidities/frictions it depends on the model.

- Welfare analysis II:
 - The policy design exercise may require a model where the interbank market is explicitly included.
 - In such a framework, policy rate \neq market rate.
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- Is the problem to be solved generated by inconsistencies in the policy framework?
- Some related examples:
 - Argentina 2018.
 - ► Uruguay 2013.

- A way of thinking about this policy in a DSGE model.
- Let R_t be the policy rate and M_t the quantity in the market where policy operates (e.g. the amount traded in the interbank market).
- Let $R_{t|t-1}^T$ be the desired rate (e.g. Taylor rule), and $M_{t|t-1}^T$ the quantity consistent with $R_{t|t-1}^T$.
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- Alternative regimes:
 - $\blacktriangleright \text{ IT: } R_t = R_{t|t-1}^T \text{, and } M_t \text{ might differ from } M_{t|t-1}^T.$
 - ▶ Quantity target: $M_t = M_{t|t-1}^T$, and R_t might differ from $R_{t|t-1}^T$.
 - Hybrid regime: Use the rule

$$\lambda(R_t - R_{t|t-1}^T) = (1 - \lambda)(M_t - M_{t|t-1}^T), \ \lambda \in [0, 1]$$

- Widening the corridor is analogous to decreasing λ .
- ▶ This is related to the work by Berg et al. (IMF, 2010).