Discussion of BCORY's

"Optimal Policy with Occasionally Binding Credit Constraints"

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Central Question

- Emerging market economies frequently experience "sudden stops"
- → What is the optimal policy response?
 - ex-ante
 - ex-post
- Very important question

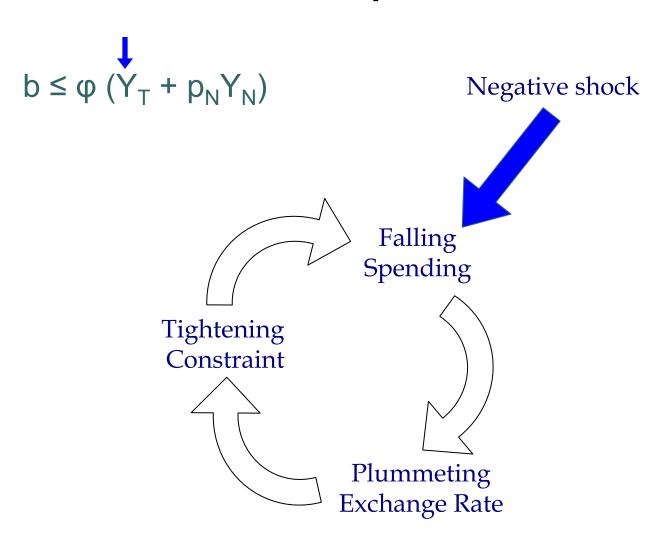
• • Outline

- Summary
- Three main questions:
 - Ex-ante vs. ex-post policies
 - Practical implementation
 - Specification of constraint

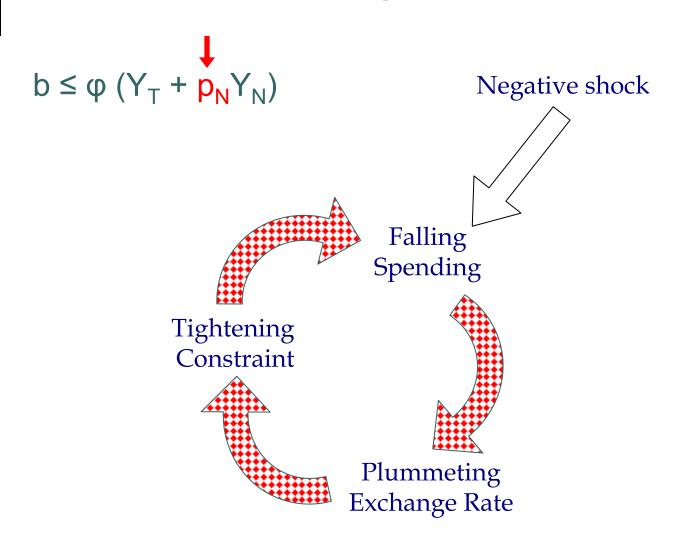
• • Basic Setup

- model of small open emerging market economy
- occasionally binding credit constraints
- financial amplification when constraints bind
- government has one policy instrument: subsidy to stabilize exchange rate

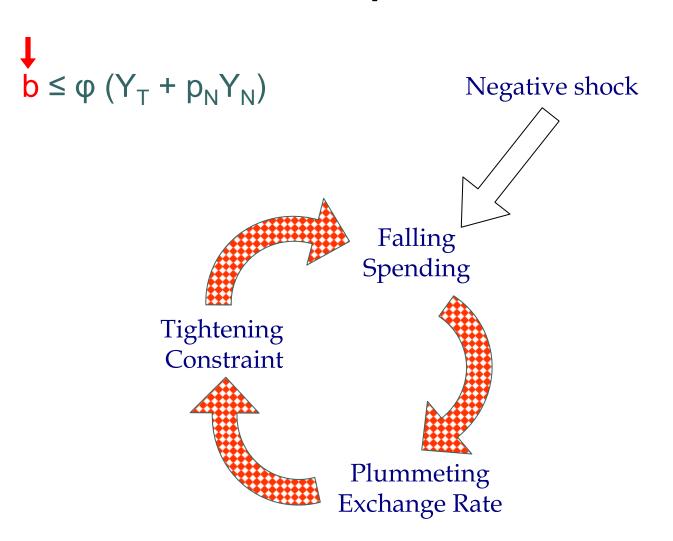
• • Feedback Loop



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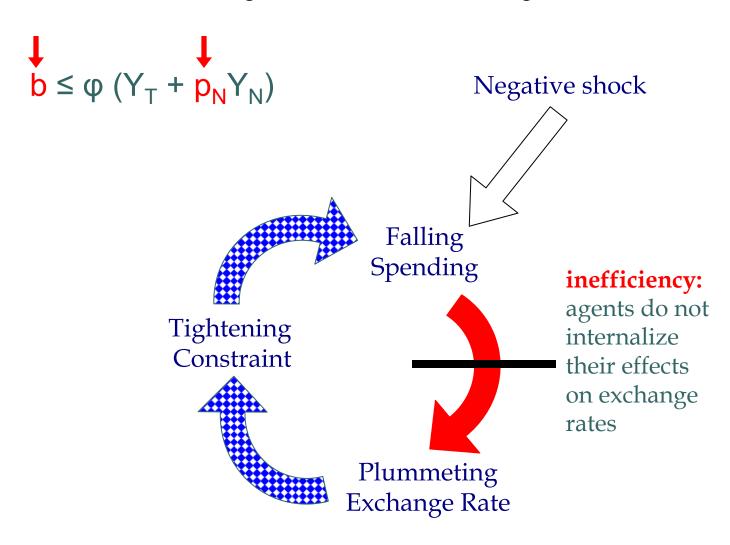


• • Main Result

Optimal policy in the paper:

- no intervention when constraint loose
- intervention when constraint binding:
 - subsidize non-tradable sector to stabilize real exchange rate (standard second-best argument)
 - financed through lump-sum tax

Pecuniary Externality



• • Inefficiency

Generic inefficiency in economies with financial amplification effects:

- small agents do not internalize that their actions have price effects
- prices in turn affect constraints
- -> classic pecuniary externality argument

Contribution More Generally

Relevance for current global financial crisis:

- financial amplification effects always entail a pecuniary externality
- authors' findings apply to a much wider range of questions

• • Ex-Ante vs. Ex-Post Action

Three margins that a planner could affect:

- ex-post (when constraint is binding): tradable/non-tradable consumption choice
- 2) ex-post: labor/consumption choice
- 3) ex-ante (before constraint binds): Euler equation
- paper admits only instrument 1
- → incomplete set of tax instruments
- no scope for ex-ante action can be found if planner has no ex-ante instrument!

• • Ex-Ante vs. Ex-Post Action

Further point:

 combination of instrument 1) and 2) can be used to set p_N to arbitrary level and restore first-best equilibrium (subsidize N consumption and tax N production by identical amount)

• • Ex-Ante Policies

Optimal ex-ante policy actions:

- tax excessive or risky borrowing so that agent avoids binding constraints
 - = Pigovian tax
- constrained social optimum restored

→ first line of defense

Still: ex-post actions are extremely important

• • Practical Implementation

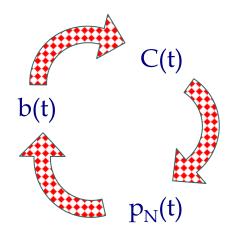
in model: stabilize exchange rate (transfers would not work)

in practice: how do we best accomplish this?

- many countries that try it run out of reserves (no lump-sum taxation...)
- others incur huge costs and create global imbalances
- analysis of optimal reserve policy under distortionary taxation would be interesting

Specification of Credit Constraint

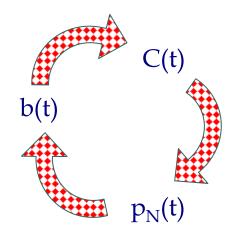
o in paper: credit limit depends on current income



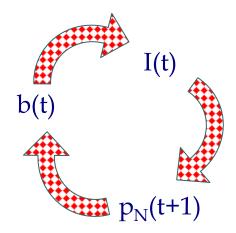
$$b(t) \le \phi[Y_T(t) + p_N(t)Y_N(t)]$$

Specification of Credit Constraint

- in paper: credit limit depends on current income
- alternative approach: limit depends on pledgeable future income → role for investment



$$b(t) \le \phi[Y_T(t) + p_N(t)Y_N(t)]$$



$$b(t) \le \phi[Y_T(t+1) + p_N(t+1)Y_N(t+1)]$$

Specification of Credit Constraint

- in paper: credit limit depends on current income
- alternative approach: limit depends on pledgeable future income → role for investment
- other important channels in sudden stop dynamics:
 - nominal exchange rate depreciation
 - declines in asset prices

interact with borrowing constraints

- same policy conclusions carry through in all these specifications
- quantitative effects in reality probably even larger

• • Conclusions

- Excellent paper on optimal ex-post policies during sudden stops
- But delineate contribution more carefully: there is also a strong case for ex-ante policies
 (Korinek 2008, 2009; Bianchi, 2009; Korinek and Jeanne, 2009)
- More details on practical implementation of expost policies (esp. taxation) desirable