

When Do Currency Unions Benefit From Default?

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- risks: Credit performing loans (NPLs) arising in equilibrium.
- rigidity causes banking insolvency causes pecuniary externality.
- remove this pecuniary externality.

Regime design

- code, $\lambda > \lambda^H$ (e.g. EA).
- transfers (e.g. China, US (see Sargent, 2012)).
- but lenient cross-border bankruptcy code, $\lambda < \lambda < \lambda^{H}.$

Key results

- **Proposition 1 (capital flow and banking crisis)** flow leads to domestic banking insolvency. banking insolvency -> bailout cost/fiscal austerity -> pecuniary externality
- drive banking insolvency.

Nominal friction: bank liquidity creation against an offsetting credit, "inside money" -> nonneutrality of money and price-level determinacy.

endogenous default -> non-

Key distortion: currency union removes relative price between monies -> exchange rate nominal (Drèze liquidity rationing equilibrium) -> no "buffering" for NPLs -> hence,

Main idea: bankruptcy code adjustment to

Regime A (baseline – internal devaluation): no fiscal union, punitive cross-border bankruptcy

Regime B (fiscal union): cross-country fiscal

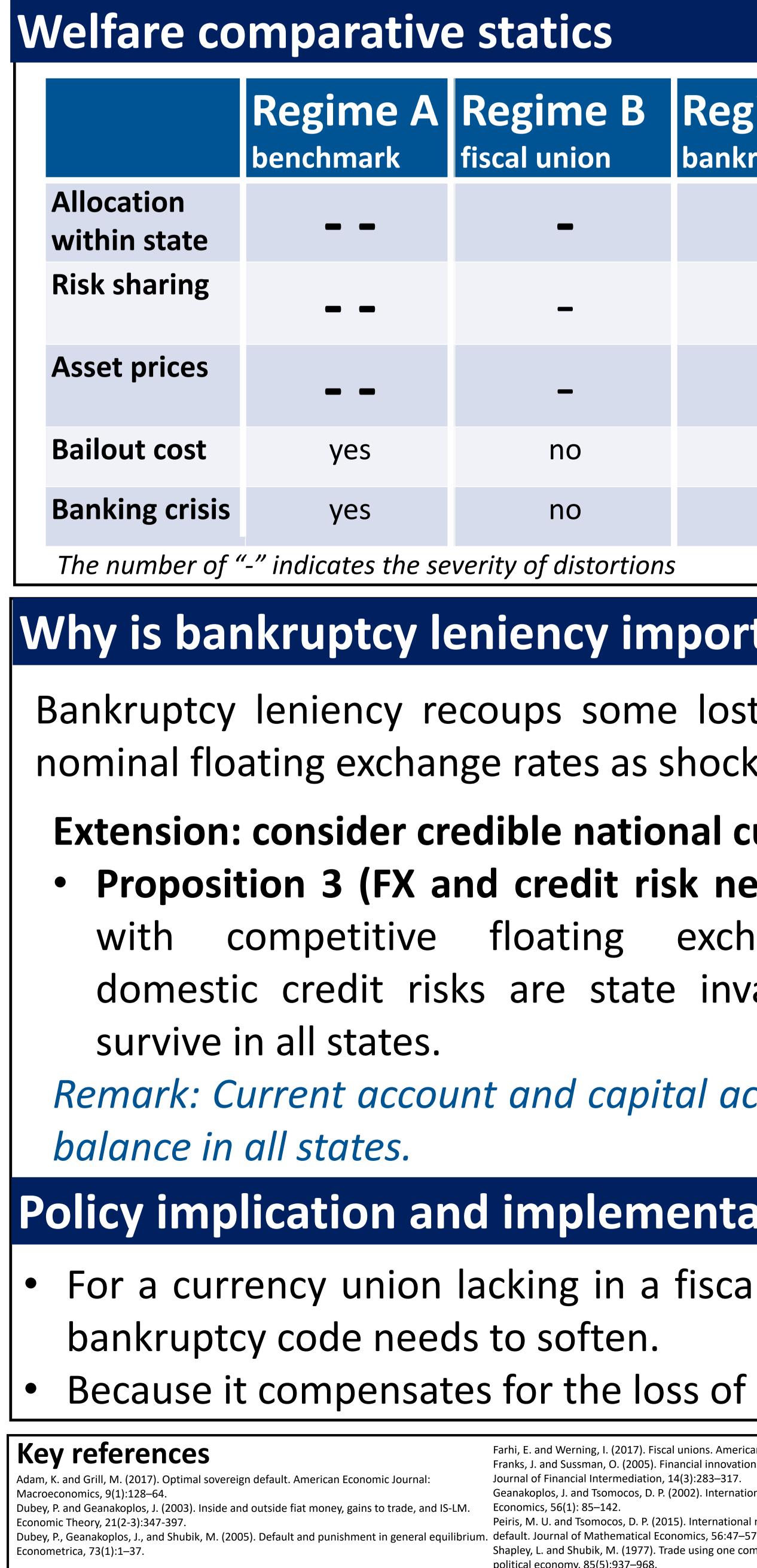
Regime C (bankruptcy leniency): no fiscal union,

In **Regime A (internal devaluation)**, the volatility of domestic credit risks and cross-border capital

Regime B (fiscal union) neutralizes the domestic credit risks and cross-border capital flow does not banking insolvency.

Proposition 2 (Regime C and Pareto improvement)

• Without a fiscal union, bankruptcy leniency in the cross-border capital markets can Pareto improve a currency union. Intuition: default -> voluntary liquidity transfer cross*border -> transaction cost (invisible hand*)





In **Regime C** (bankruptcy leniency), default in cross-border capital markets prevents domestic

nparative statics		
Regime A enchmark	Regime B fiscal union	Regime C bankruptcy leniency
	_	
yes	no	no
yes	no	no
indicates the se	verity of distortions	

Why is bankruptcy leniency important?

Bankruptcy leniency recoups some lost benefits of nominal floating exchange rates as shock absorbers

Extension: consider credible national currencies Proposition 3 (FX and credit risk neutralisation): competitive floating exchange rates, domestic credit risks are state invariant, banks

Remark: Current account and capital account exactly

Policy implication and implementation

• For a currency union lacking in a fiscal union, the bankruptcy code needs to soften.

Because it compensates for the loss of FX.

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