

# Discussion of “A Theory of Economic Coercion and Fragmentation” by Clayton, Maggiori and Schreger

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The views expressed herein are those of the authors and not necessarily those of the Federal Reserve Bank of Minneapolis or the Federal Reserve System.

# Goal of the Paper

Develop a general framework to study

- how a hegemon can use its economic power over foreign countries
- how foreign countries can try to insulate themselves

Specific application to financial sanctions

## Plan for my Discussion

The paper has a rich set of results. Cannot make justice in a short discussion.

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## Outline

- Simple illustration of coercion in an Edgeworth box
- Comments

# An Edgeworth Box

- Static, two-good, two-country with rep. agent in each country

$$U(x, y) = x^{1/2} + y^{1/2}$$

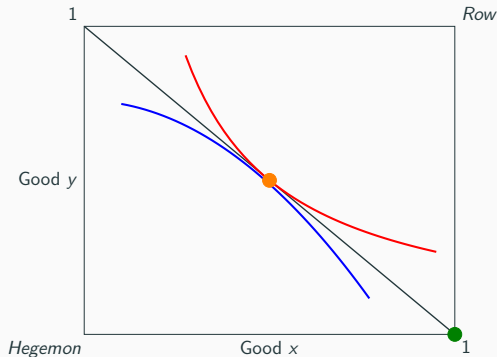
- Endowments (Hegemon and Row)

$$\omega = (1, 0), \omega^* = (0, 1)$$

- Resource constraint

$$x + x^* = 1$$

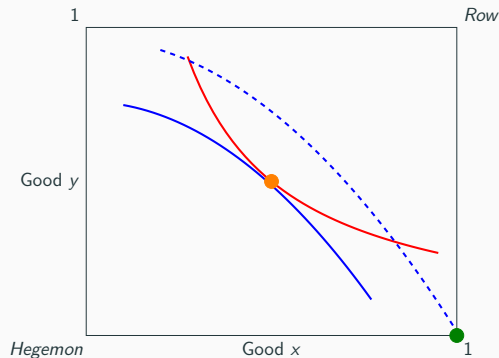
$$y + y^* = 1$$



# Hegemon as a rent extractor

- Suppose the Hegemon can credibly threaten Row with autarky
- Hegemon can then achieve

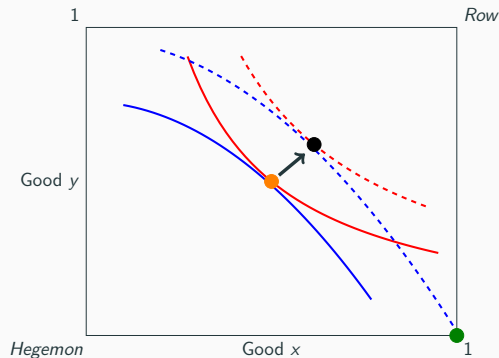
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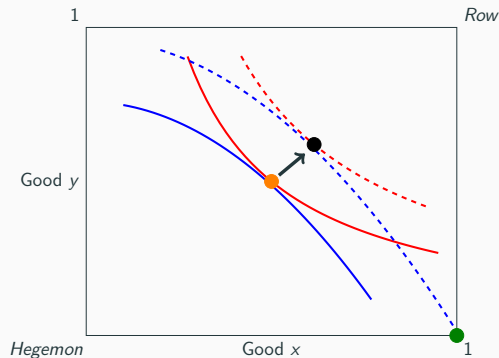
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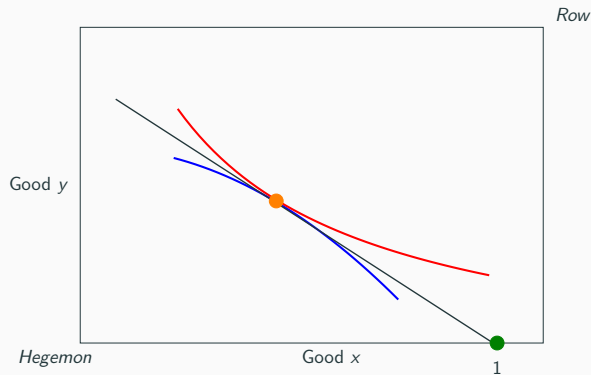


No room for tariffs or other distortionary taxes, absent externalities

## Anti-coercion $\Leftarrow$ Relative increase in $x$ resources

- Suppose Row can reallocate resources at a cost
- Assume fixed labor supply and production linear in labor (lower productivity in  $x$ )
- Best anti-coercion policy
  - Anticipating autarchy

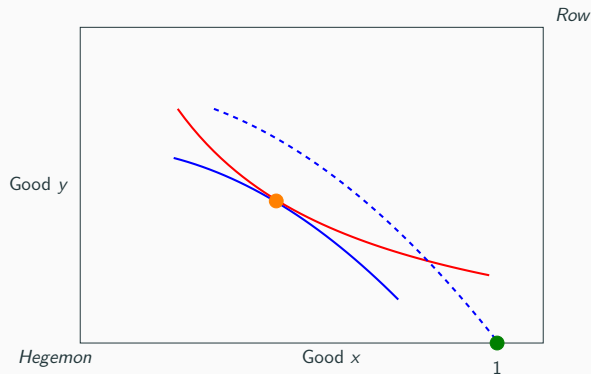
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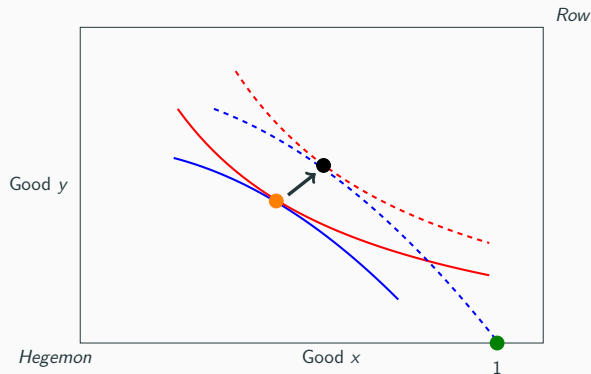
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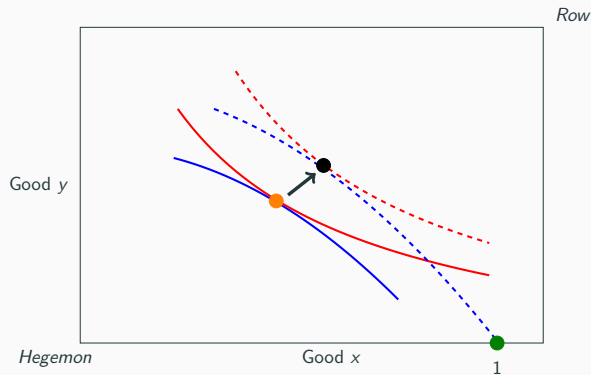


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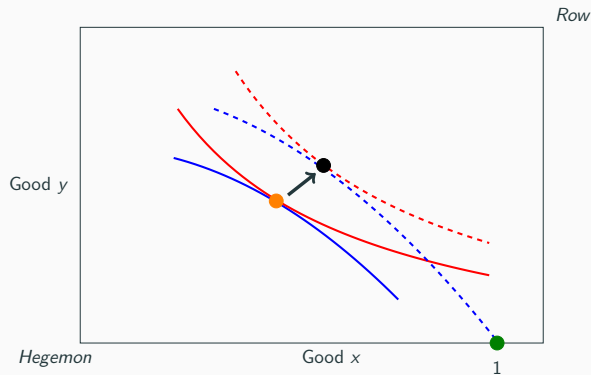
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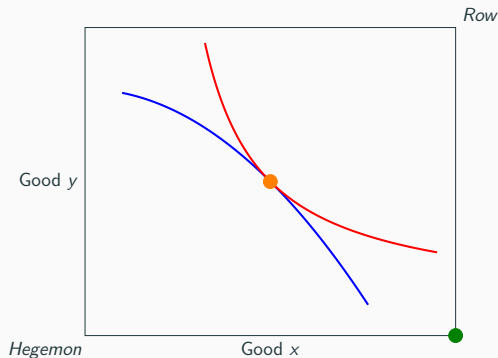


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- Dynamic: reserve accumulation as anti-coercion (Bianchi-Sosa Padilla 2023)
- Connection: Schelling (1980)

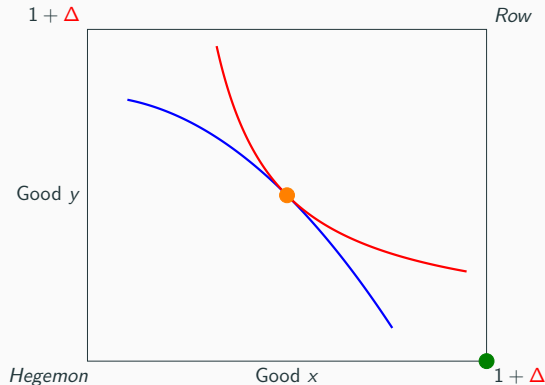
# Hegemon as an enforcer

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- Dual role of the Hegemon
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  - Enforcer of contracts, helps expand production possibilities

Hegemon does not necessarily reduce world welfare  $\Rightarrow$  Tradeoffs between uni-polar vs multi-polar world



1. In the model, Hegemon coerces directly foreign firms
  - In practice, the US negotiates with governments of foreign countries. and then the government enforces agreements domestically.
    - Likely the hegemon has more bargaining power with individual firms
  - How does this matter for the results?

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  - How does this matter for the results?
2. Relatedly, hegemon can tax foreign firms and collect the revenue
  - In practice, taxation power applies to domestic government.
  - Can optimal allocations be decentralized without taxes?

3. In the model, Hegemon is committed to carrying out the sanctions
  - In practice, countries struggle to credibly promise to carry sanctions
    - And try not to promise sanctions they will not fulfill
  - How would lack of commitment alter main insights?

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4. Hegemon's threat is carried out after foreign countries set anti-coercion
  - Seems more realistic to assume Hegemon has first-mover advantage
  - How do alternative timings affect results?

- Exciting paper in a growing agenda developing models w/ geo-economic tradeoffs
  - Becko; Bianchi and Sosa Padilla; Broner, Martin, Meyer and Trebesch; Clayton, Maggiori and Schreger; Kooi,...
- I look forward to reading more of the authors' work and seeing how the literature evolves

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