Network Transparency, Data Standards, and SDRs

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OFR/FSOC Annual Conference

Swap and Trade Repository: Data Standards

and Data Gaps

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What Is A SIFI?

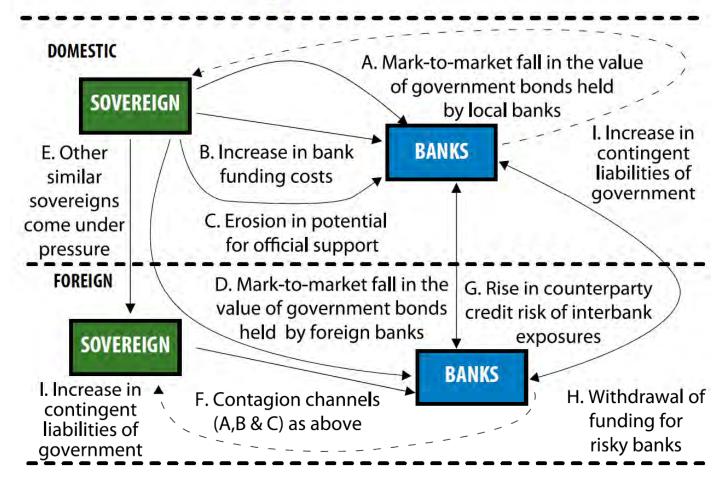
Importance Varies, Depending On:

- Individual characteristics
- Relation to others
- State of the system
- Rules of the game

Importance Can Change Quickly

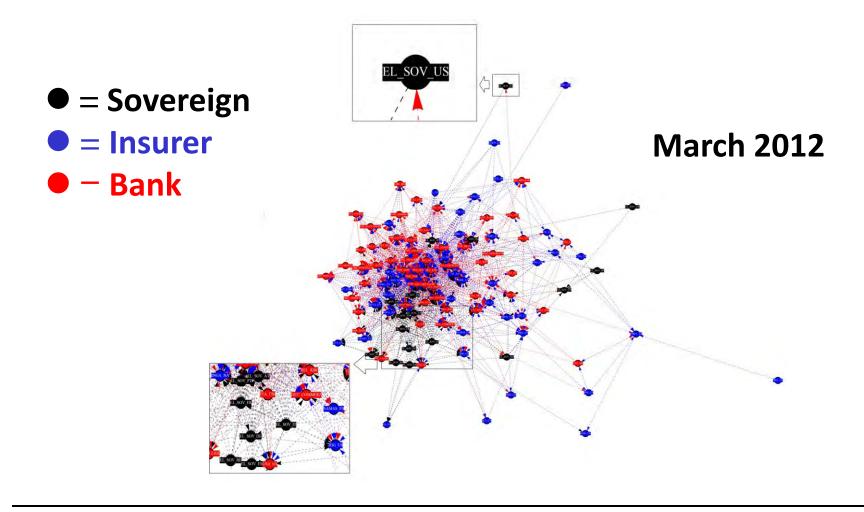
- Dynamic across time and circumstances
- Can regulators and regulation keep up?

Figure 1.5. Spillovers from the Sovereign to the Banks and Banks to Sovereigns



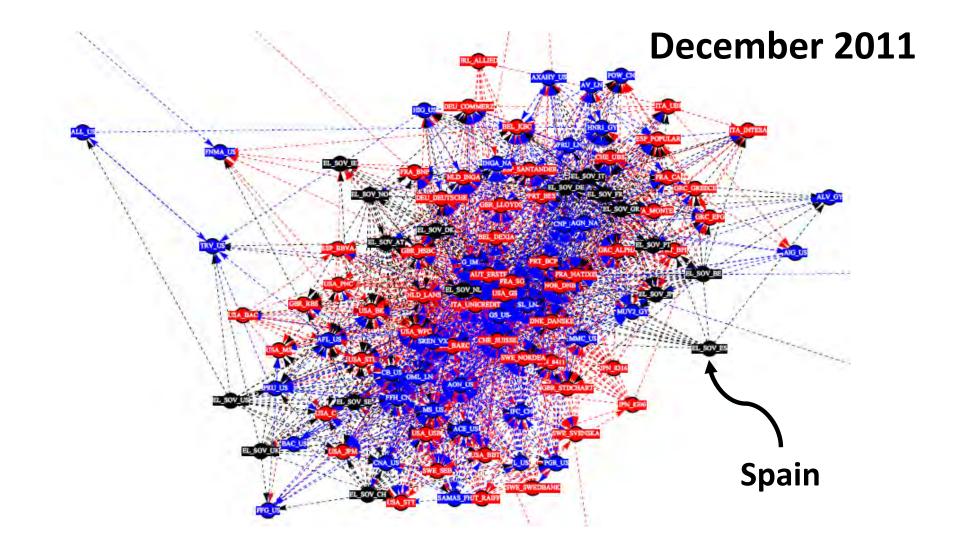
Source: IMF GFSR (2010)

Granger-Causality Network of CDS-Based ELR Billio, Getmansky, Gray, Lo, Merton, Pelizzon (2013)



EL SOV PT EL SOV FR SAMAS F EL SOV D EL SOV BE EL SOV ESUSA G

March 2012



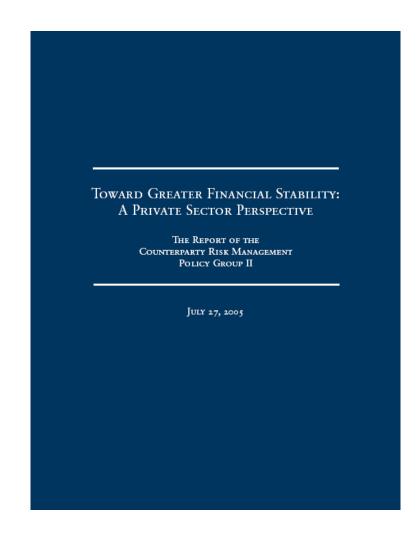
- Dodd Frank Act, Title VII:
 - Minimize systemic risk of derivatives trading
 - Create transparency in derivatives markets
 - Provide credit protection for derivatives traders
- Data exist to map actual swaps network
- But accessing it is not trivial
- Contract terms can be complex and critical, e.g., credit support annexes (recall AIG)
- Data standards are the starting point
- You can't manage what you don't measure

How Are We Doing?



- Five years after the financial crisis, firms'
 progress toward consistent, timely, and
 accurate reporting of top counterparty
 exposures fails to meet both supervisory
 expectations and industry self-identified
 best practices. The area of greatest concern
 remains firms' inability to consistently
 produce high-quality data.
- Supervisors of systemically important financial institutions and other firms that manage significant numbers or volumes of counterparty exposures should prioritize this effort within the scope of their own work. They should commit to impressing on their firms the importance and expectation of being able to quickly and accurately aggregate top counterparty exposures.

Industry Assessment of Systemic Risk, July 2005:



"In approaching its task, the Policy Group shared a broad consensus that the already low statistical probabilities of the occurrence of truly systemic financial shocks had further declined over time."

- CRMPG II, July 27, 2005, p. 1

But CRMPG II Also Contained:

...Recommendations 12, 21 and 22, which call for urgent industry-wide efforts (1) to cope with serious "back-office" and potential settlement problems in the credit default swap market and (2) to stop the practice whereby some market participants "assign" their side of a trade to another institution without the consent of the original counterparty to the trade. (CRMPG II, July 27, 2005, p. *iv*)

Firms Represented in CRMPG II:

- Bear Stearns
- Citigroup
- Cleary Gottlieb
- Deutsche Bank
- GMAM
- Goldman Sachs
- HSBC

- JPMorgan Chase
- Merrill Lynch
- Morgan Stanley
- Lehman Brothers
- TIAA CREF
- Tudor Investments

Thank You!