

Crisis Prevention in Emerging Markets Moody's perspective

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Introduction

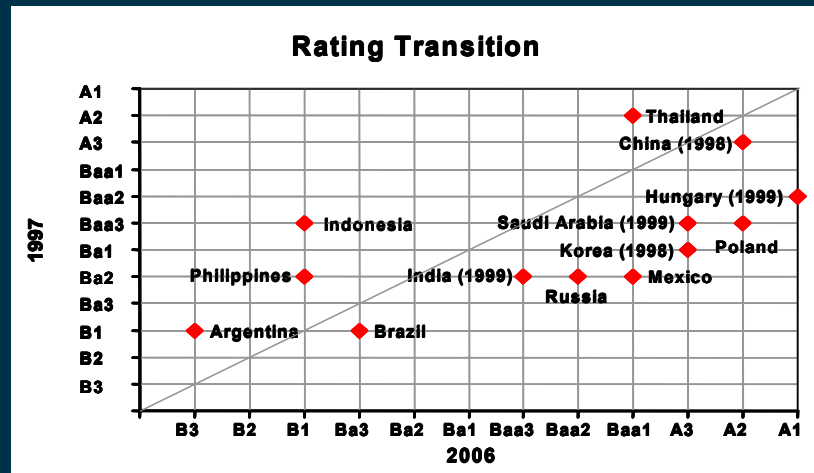
1. What we have learnt in terms of rating policy
2. What we know
3. What we think we know
4. What we do not know



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Background: from 1997 to 2006



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1. What we have learnt in terms of rating policy?

- Modesty
- Transparency
- Focus



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Enhanced focus

- Definition of sovereign ratings
- Probability and severity of default
- Key rating factors
- Debt payment schematic



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How do we determine government bond ratings?

Shock absorption capacity		Public debt vulnerability	
Factor 1: GDP/capita		Factor 3: Strength of government balance-sheet	
Factor 2: Institutional maturity		Factor 4: Susceptibility to risk events	
⏟			
Local currency and foreign currency sovereign bond rating			



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Debt payment schematic



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2. What do we know?

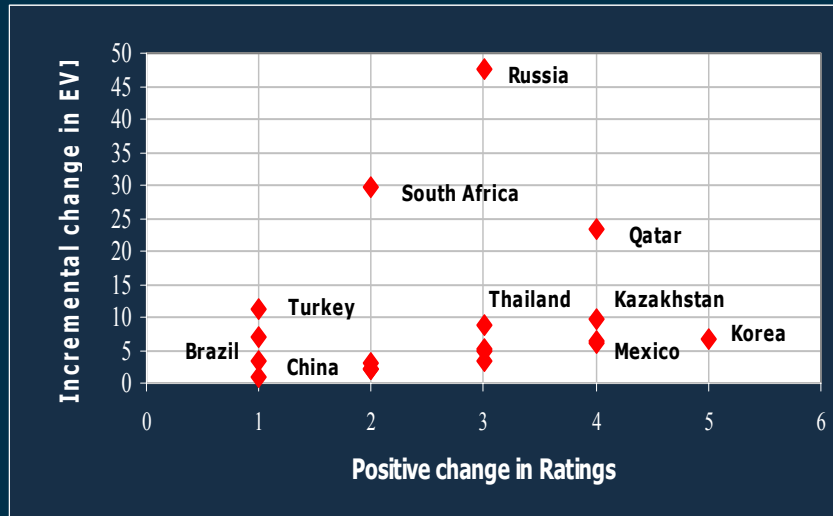
- **Liquidity matters (a lot)**
- **Risk management approaches pay off**
- **Economic and trade integration enhances resiliency**



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Liquidity matters (a lot)



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Risk management approaches pay off

- **The risk management approach to economic policy – analogy with banking**
- **Scope:**
 - Refining macro-financial surveillance tools
 - Defusing crisis triggers and amplifiers
 - Building a sound financial infrastructure
 - Devising new financial (including ALM) strategies
- **Limitations**



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Economic integration enhance resiliency

- Reduces the probability of crisis
- Reduces the severity of crisis – creating counter-cyclical features
- Examples: the EU anchor, Asia's rebound after the crisis



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3. What do we think we know

- Not all current account imbalances are alike
- Liquidity risk and solvency risk
- Local currency debt is generally less risky than foreign currency debt
- Banking integration provides more stability than financial market integration, but financial market development remains key



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Not all current account imbalances are alike

- **A simple analytical approach:**
 - The nature/stability of financing is key
 - How vulnerable is the CA deficit? How robust is the financing and how susceptible to an external shock?
 - How sustainable is it? The determinants of the deficit (the S-I gap), the "Lawson doctrine" and the question of competitiveness
 - How severe should an hypothetical crisis be from the point of view of the government's balance sheet?
- **Examples: Central and Eastern Europe**
- **Is that right after all?**



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Liquidity risk and solvency risk

- **Liquidity crisis: price and volume effects**
- **Mature market economies are not vulnerable to financing discontinuities, but "simply" to price adjustments**
- **Implications: net debt versus gross debt**
- **How robust is this observation?**



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Local versus foreign currency debt

- **The many benefits of raising funds in one's currency**
- **But in a context of open capital accounts, the superiority of LC debt should not be exaggerated**
- **Example: Latin America**



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Banking integration versus financial integration (1)

- **The value of international banking integration in terms of systemic strength**
- **Example: EU-wide banking integration**
- **However, this remains largely untested**



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Banking integration versus financial integration (2)

Share of bank assets held by foreign banks ¹				
	1990	2004 ²	in per cent of GDP	in billions of USD
Central and eastern Europe				
Bulgaria	0	80	49	13
Czech Republic	10	96	92	99
Estonia	...	97	89	11
Hungary	10	83	67	68
Poland	3	68	43	105
Emerging Asia				
China	0	2	4	71
Hong Kong	89	72	344	570
India	5	8	6	36
Korea	4	8	10	65
Malaysia	...	18	27	32
Singapore	89	76	148	159
Thailand	5	18	20	32
Latin America				
Argentina	10	48	20	31
Brazil	6	27	18	107
Chile	19	42	37	35
Mexico	2	82	51	342
Peru	4	46	14	11
Venezuela	1	34	9	9

¹ Percentage share of total bank assets. ² Or latest available year.
Sources: CGFS (2004); ECB; national central banks; BIS calculations. Table 1



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Financial market development is yet critical

- Although it opens the way for potentially sharp reactions to domestic developments and also creates linkages with global finance...
- It instills healthy controversy in asset price valuations
- Example: Gulf countries' stock markets



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4. What we still do not know

- **Disentangling cyclical and structural factors**
- **Understanding crises dynamics and the micro-macro nexus**
- **The understanding of political risk remains elusive**

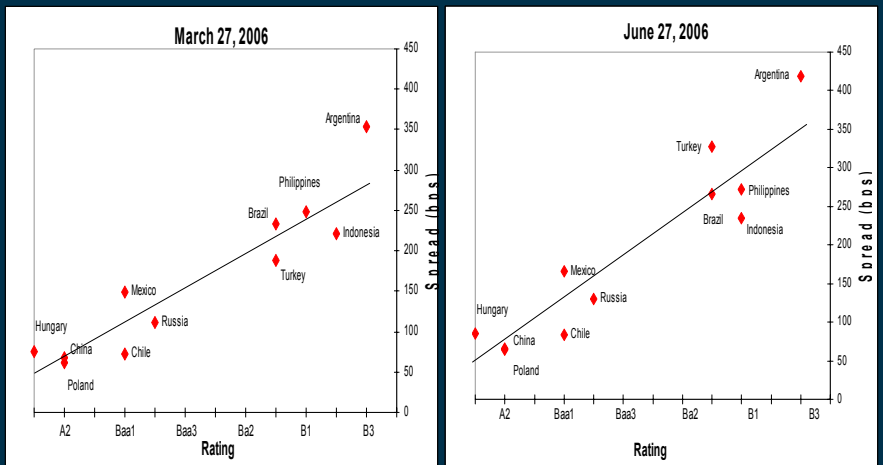


Disentangling cyclical and structural factors

- **What is cyclical?**
- **What is structural?**
- **Can cyclical improvements turn into structural one?**
- **The ordinal and cardinal nature of ratings**



Fundamental versus exogenous factors



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Understanding crises dynamics

- **The micro-macro nexus:**
 - **Government's off balance sheet liabilities**
 - **Ratings' interaction at Moody's**
- **Contagion remains mysterious**



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Political risk remains elusive

- **Ability to pay versus willingness to pay:
are they really distinct?**



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