Cross-Border M&A Risk via Yield Spreads

Main Points o the Paper Definitions Issues

The Effect of Cross-border Bank M&A on Bank Risk: Evidence from Yield Spreads

Ancona, September 2006

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Main Points of the Paper

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Definitions

Issues

Cross-border Bank M&A may be risky

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- Yield spreads capture risk
- If spreads go up, risk increaes

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Main findings: all else being equal,

- Higher investor protection in target country decreases risk
- Higher depositor protection in target country *increases* risk (moral hazard argument)

100% cash payment increases risk

Measurement issue

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Do yield spreads really measure risk? And, if so, what kind of risk? Dependent variable used in the paper:

$$SP_{jt} = \alpha_j + \beta_j d_{jt} + e_{jt}$$

where $d_{jt} = 1$ inside the "announcement window". OLS estimate of β_i is labelled "abnormal change".

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Do yield spreads really measure risk? And, if so, what kind of risk? Dependent variable used in the paper:

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where $d_{jt} = 1$ inside the "announcement window". OLS estimate of β_j is labelled "abnormal change". Elementary OLS algebra shows that

$$\hat{\beta} = \overline{SP}_{\text{inside}} - \overline{SP}_{\text{outside}}$$

The window is rather short (1-3 weeks), so what we are seeing here is rather the effect of the *announcement*.

	Perceived risk vs actual risk
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Main Points of the Paper	When a merger is announced, it may take some time before the
Definitions	market is able to reckon its consequences. In the meantime,
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Perceived risk vs actual risk Cross-Border M&A Risk via **Yield Spreads** When a merger is announced, it may take some time before the market is able to reckon its consequences. In the meantime, Issues *uncertainty* increases. If we measured risk as $\hat{\beta} = \overline{SP}_{\text{before}} - \overline{SP}_{\text{after}},$ would things change? (A spread is not a stock return)

Issues

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- Is perceived risk a good indicator of risk?
- How long does it take for the market to adjust their perception? (Details may be known after some time)

Are results robust?



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- (possibly contradictory with my preceeding item) Year dummies?

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- (possibly contradictory with my preceeding item) Year dummies?
- How about a control group of same-country mergers?

Wrapping up

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Results are interesting, especially the moral hazard argument. However,

- We need to make sure that what we are measuring is indeed what we want *risk* to mean
- We need to make sure that the results are not influenced by a few cases

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