

Cross-border banking and the international transmission of financial distress during the crisis of 2007-2008

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Background

- **Large shocks to the balance sheets of west-European banks during the 2007-2008 crisis**
- **Bank sector in central and eastern Europe dominated by subsidiaries of west-European banks**
 - **2/3 of bank assets in the region foreign-owned, up to 99% in some countries**
- **Region's corporate landscape dominated by SMEs (bank-dependent)**

- **Ideal laboratory to study impact of crisis through cross-border transmission of financial shocks**

Data and empirical questions

- **Survey data on 9,360 firms and balance sheet data on 141 banks in 14 countries in emerging Europe in 2005 and 2008**
- **Question 1: Did foreign banks transmit the shocks to their balance sheets to the corporate sector in central and eastern Europe?**
 - pre-Lehmann
 - pre-Vienna initiative
- **Question 2: If yes, did foreign banks react differently to an identical shock to their balance sheets than domestic banks?**
- **Question 3: Reduction in credit associated with risk-taking or with flight to quality?**

Main findings

- **Foreign banks did transmit the shocks to their balance sheets to the corporate sector in central and eastern Europe**
 - Evidence on new lending only
- **Foreign banks transmit a larger portion of identical shocks to an identical population of firms**
- **Most consistent results found for low (Tier I) capital**
- **Reduction in credit most pronounced for firms with fewer collateralizable assets**
 - Flight to quality?

Supply shift -> change in credit availability?

