

# Business Cycle Implications of Mortgage Spreads

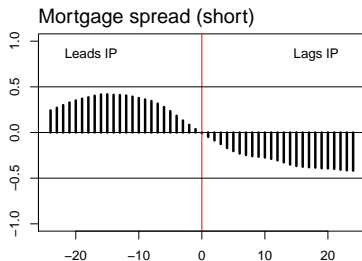
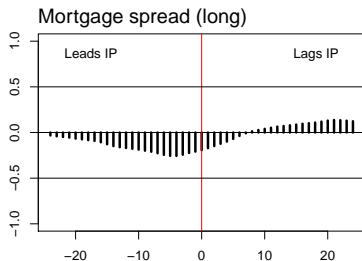
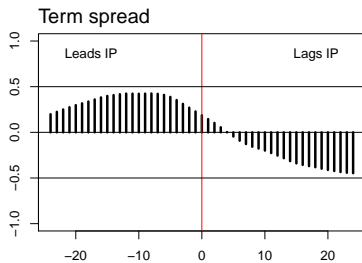
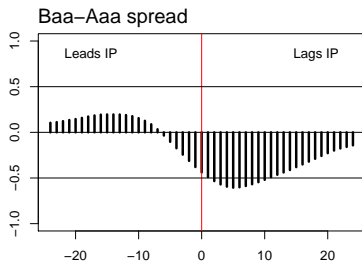
by Karl Walentin

Discussion by Dave Backus  
NYU PhD Alumni Conference | May 31, 2013

# Questions

- Are mortgages different?
- What does an SVAR add to a CCF?
- What mechanism connects asset prices and business cycles?
- How do international linkages work?

# Are mortgages different?



# Are mortgages different?

- Asset prices and business cycles: my summary
  - ▶ Asset price information complements quantities
  - ▶ Risk spreads roughly contemporaneous
  - ▶ Returns mostly lead
  - ▶ Approximately a one-factor world
- Questions about mortgages
  - ▶ What's the risk?
  - ▶ Are they different?

# What does an SVAR add?

- VARs and SVARs
  - ▶ More complex data summary
  - ▶ No factor structure
  - ▶ IRFs not weighted by importance
- Causality
  - ▶ Are spreads cause or effect?
  - ▶ Where do they come from?
  - ▶ What delivers identification here?

# What's the mechanism?

- Start with  $E(mr) = 1$ 
  - ▶ Is the action in  $m$ ,  $r$ , or both?
  - ▶ How does it get there?
- Risk and the price of risk
  - ▶ Risk seems to be countercyclical
  - ▶ Why?
  - ▶ Ditto the price of risk
  - ▶ Why?

# International linkages?

- Fact: asset prices more highly correlated than GDP growth
- So...
  - ▶ Where do Swedish mortgage spreads come from?
  - ▶ Is this how business cycles are transmitted?
  - ▶ Another clue about causality?