180.101 Elements of Macro - TA Section - Week 10

Qingyuan Fang

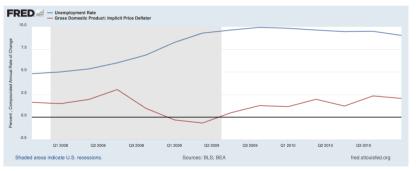
qfang6@jh.edu

Slides on https://github.com/QingyuanFang/TA_ElementsOfMacro

Oct 28th, 2024

"Missing Deflation"

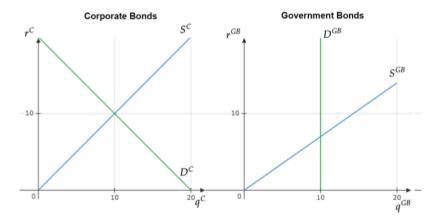
• In the aftermath of the financial crisis, the unemployment rate is so high that according to the Phillips Curve, there should have been negative inflation (deflation). But it was not the case.



Whv?

Loanable Fund Model

• Key assumption: Total available funds supplied by the households are constant



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- A natural disaster calls for an emergency government outlay.
 - Demand for government bond \rightarrow , equilibrium rate \uparrow . Funds lent to the government \uparrow . Funds to the firms \downarrow for a given real rate. Supply curve in the corporate bond market \leftarrow . Lending to firms \downarrow and the rate \uparrow .
- A nationwide increase in household risk appetite.
 - Given the same amount of funds households are willing to supply, some funds flow from government bonds to corporate bonds market. Supply curve \leftarrow in G market and \rightarrow in C market. Higher lending and lower rate in C and Lower lending and higher rate in G . The risk premium shrinks.

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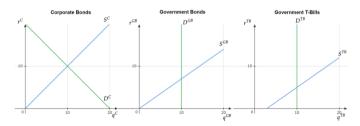
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 - There will be no changes in the graphs of the loanable fund model! Because the real rates that matter for household/firm decisions stay the same.

What's Next: Extended Loanable Fund Model

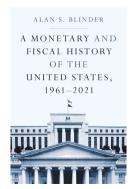
Household, Firms, Government, Fed

| | Risk | Duration | Interest rate |
|--------------------|-------------|------------|---------------|
| Corporate Bonds | High | Long Term | Highest |
| Government Bonds | Low | Long Term | Middle |
| Government T-Bills | Low | Short Term | Lowest |



Monetary and Fiscal History of the US.

Blinder, Alan S. "A Monetary and Fiscal History of the United States, 1961-2021." (2022): 1-440.



Bernanke, Ben S. "21st century monetary policy: The Federal Reserve from the great inflation to COVID-19." (2022).

