

Motivation

Developments in China
 is there inflationary pressure
 what drives inflation in the long run
 what drives inflation in the short-run











Framework of inflation determination Equilibrium model of business cycle supply and demand determine inflation cost push demand pull Monetarist view of inflation "Inflation is always and everywhere a monetary phenomenon"

Is there too much money?

Money supply:

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    sources of increases: capital inflow, current
account surpluses (another paper)
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Money demand: – is supply overtaking demand?

The Literature

Chow (1987) pioneered the work Portes and Santorum (1987) found evidence of unitary income elasticity. Feltenstein and Farhadian(1987), Chan, Cheng and Deaves (1991) and Ma (1992) focused the

analysis on the right measure of price level. Blejer et al (1991) estimated an error correction model using data for the 1980s

Hafer and Kutan (1994) found that M2 is a better measure of money demand















A conventional long-run money demand function

$$\frac{M}{P_t} = \alpha_0 + \alpha_1 y_t + \alpha_2 r_t + \varepsilon_t$$

Unit root tests		
variable	ADF	p-value
real (M2)	-2.42	0.37
real (M0)	-1.93	0.63
real income	-1.34	0.6
CPI inflation	-3.03	0.04
CPI	-1.06	0.72





































- the money demand function for China appears to reasonably stable over the past ten years
- The response of inflation to money supply shock tops at 12 quarters
- in the short-term inflation is rather persistent but is mostly driven by monetary shocks in the long-run.
- A 1 percent increase in real money balance could lead to about 3 percent inflation in the ensuing three years