OUTLINE — October 31, 2018

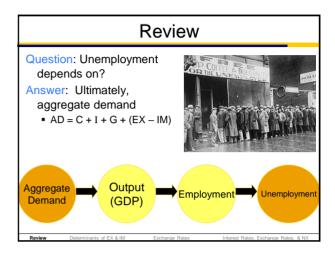
International Trade

- Determinants of EX & IM
- International Finance: Exchange Rates
 - Demand & Supply of Foreign Currency

Interest Rates in an Open Economy

Happy Halloween!! PS 3 due 10/31-11/1 in section

Midterm 2 on Tues., Nov 6, 8-9:30 pm Rooms & Review Sessions posted on Piazza Same rules as MT1



Determinants of Aggregate Demand

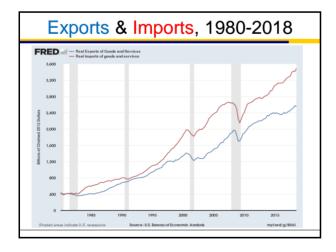
- Consumption spending by households (C)
 - YD, wealth, credit availability, ? i ?, expectations
 - YD changes when TA or TR change
- Investment spending by businesses (I)
 Interpret rates overstad rates of rature
- Interest rates, expected rates of return, credit availability
- Government spending (G, Nov. 5)
 - Direct fiscal policy (G)
- Net exports (EX & IM) today!
 - Exchange rates, health of world economy

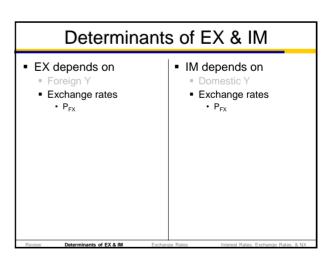
Organizing today's info

- Three take-aways
 - 1. Using model of D&S to understand exchange rates
 - 2. Interest rates affect exchange rates
 - 3. Exchange rates affect IM & EX
- And of course remember . . . And then there are multiplier effects

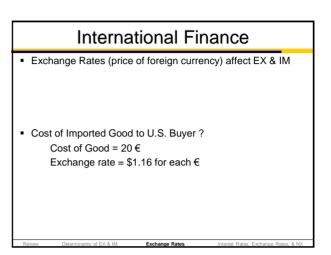
International Trade		
 Exports (EX) 	 Imports (IM) 	
 EX depends on 	 IM depends on 	
Review Determinants of EX & IM Excl	hange Rates Interest Rates, Exchange Rates, & NX	

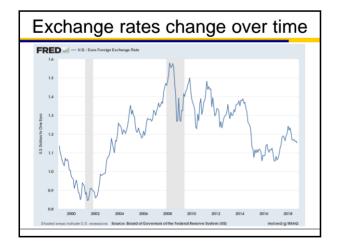
Determinants of EX & IM				
	epends on reign Y		depends on Pomestic Y	
Review	Determinants of EX & IM	Exchange Rates	Interest Rates, Exchange Rates	, & NX





Price of foreign currency (P _{FX}) is a <u>price</u>			
P _{FX} = U.S. \$ price of 1 unit of foreign currency			
 111.9 Japanese ¥ for 1 \$ 	so P _¥ =		
■ 0.88 € for 1 \$	so P _€ =		
19.36 Mexican peso for 1 \$	so P _{peso} =		
Review Determinants of EX.6.1M Exchange Rates	Interest Rates, Exchange Rates, & NX		







Determining exchange rates		
 Demand and Supply 		
Review Determinants of EX & IM Exchange Rates Interest	Rates, Exchange Rates, & NX	

Effect of Changing D or S			
↑ Demand of FX		↑ Supply of FX	
	_		
Review Determinants of EX & IM	Exchange Rates	Interest Rates, Exchange Rates, & NX	

Terminology			
↑ P _{FX}		\downarrow P _F	x
Review	Determinants of EX & IM	Exchange Rates	Interest Rates, Exchange Rates, & NX

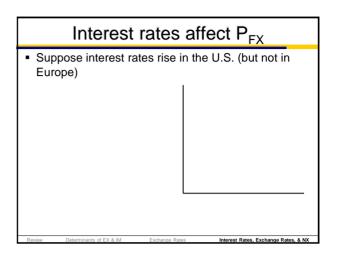
Demand & Supply of Foreign Currency (FX)		
• D _{FX}	• S _{FX}	
 D_{FX} depends on 	 S_{FX} depends on 	
Review Determinants of EX & IM Exchar	nge Rates Interest Rates, Exchange Rates, & NX	

Interest Rates & Wealth Allocation

 Put yourself in shoes of <u>lenders</u> (wealth-holders) when thinking about interest rates & exchange rates

terest Rates Exchange Rates & P

- Interest rates
 - For borrower: cost of borrowing
 - For lender: return from lending
- Higher interest rates
 - Deter borrowers (more costly borrowing)
 - Entice lenders (higher return from lending)



and P _{FX} affect EX & IM			
■	FX ⇒		
Review	Determinants of EX & IM	Exchange Rates	Interest Rates, Exchange Rates, & NX

Interest Rates in Open Economy

Suppose ↓ interest rates in U.S. [Closed economy]: ↑ I [Open economy]: Also ↑ NX You should be able to answer "Why?"