The Behavior of Interest Rates ECO 420 Lecture 3.1.

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Outline

1 The Demand-Side of the Debt Market

Equilibrium on the Debt Market

The interest rate is a price on the debt market.

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expected return

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SUMMARY Table 1 Response of the Quantity of an Asset Demanded to Changes in Wealth, Expected Returns, Risk, and Liquidity		
Variable	Change in Variable	Change in Quantity Demanded
Wealth	<u>↑</u>	
Expected return relative to other assets Risk relative to other assets	T ↑	Ţ
Liquidity relative to other assets	Ť	Ť

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Value (price) today 950 Present Value

1000

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Solve for i...

Present Value $\frac{1000}{1+i}$

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Solve for i... Now substitute numbers with symbols to derive relationships.

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How does i change with P?

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Present Value

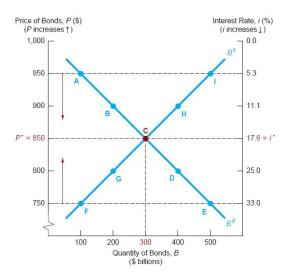
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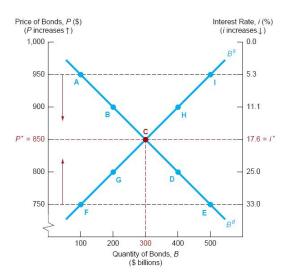
$$i = \frac{C - P}{P}$$

How does i change with P? How does P change with i? The Supply-Side of the Discount Bond Market. Equilibrium.

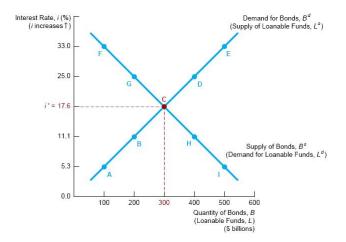
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The Loanable Funds Framework for Analyzing Equilibrium



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