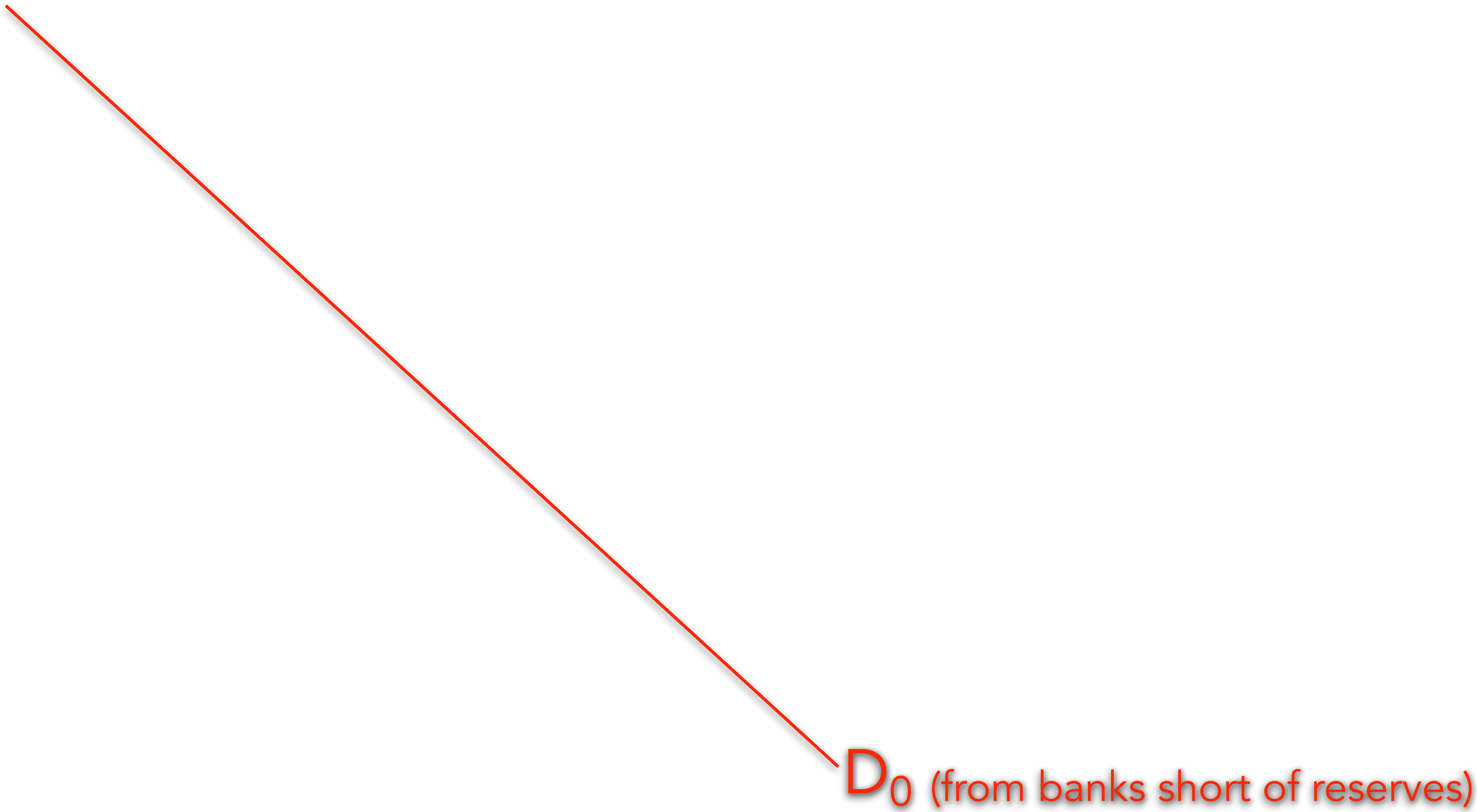
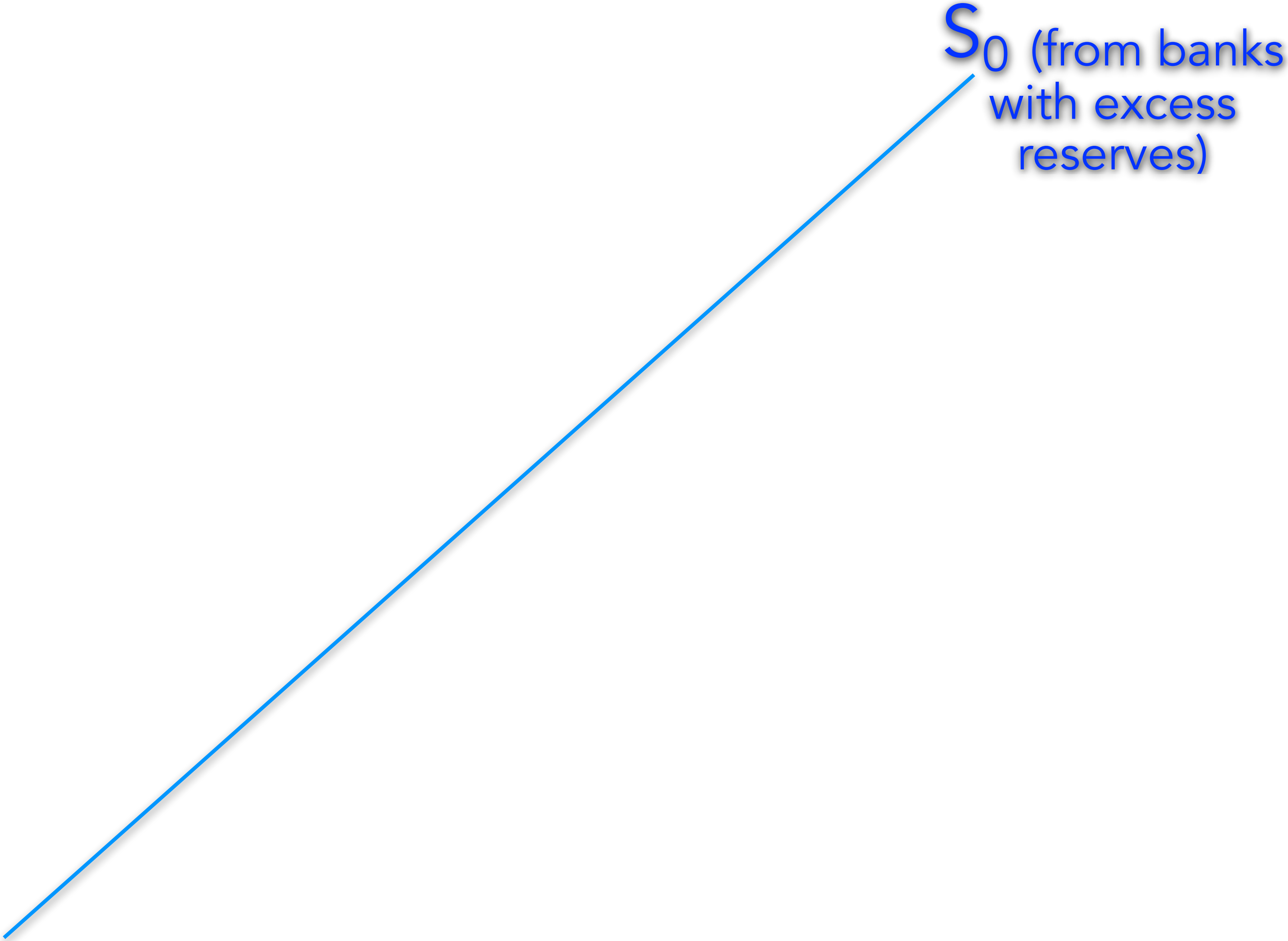

D_0 (from banks short of reserves)

Federal Funds


S_0 (from banks
with excess
reserves)

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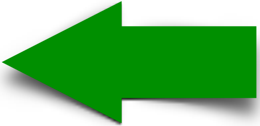
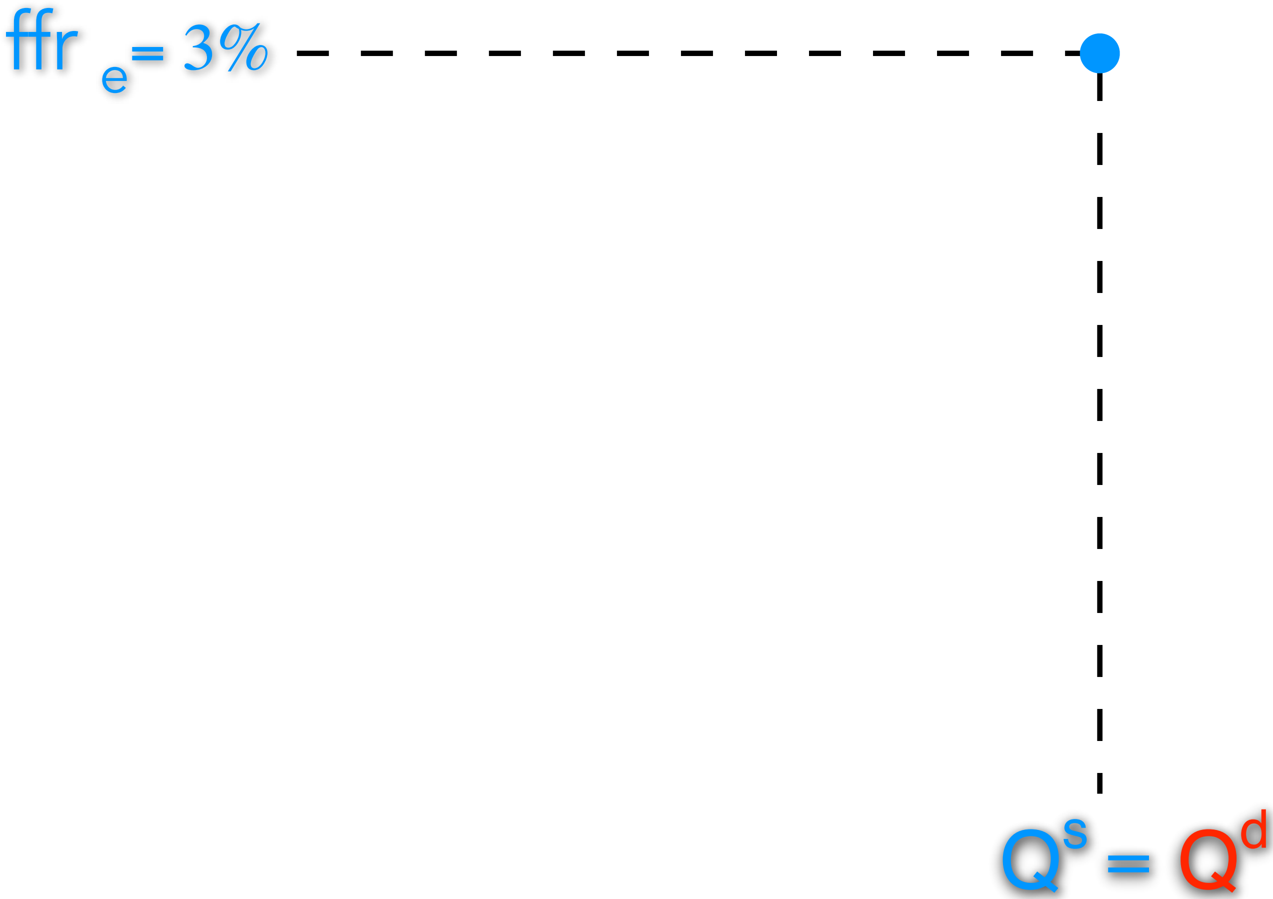
The effect of a decrease in GDP on the Federal Funds Rate

The public deposits a smaller portion of their income in checking accounts

Deposits decrease

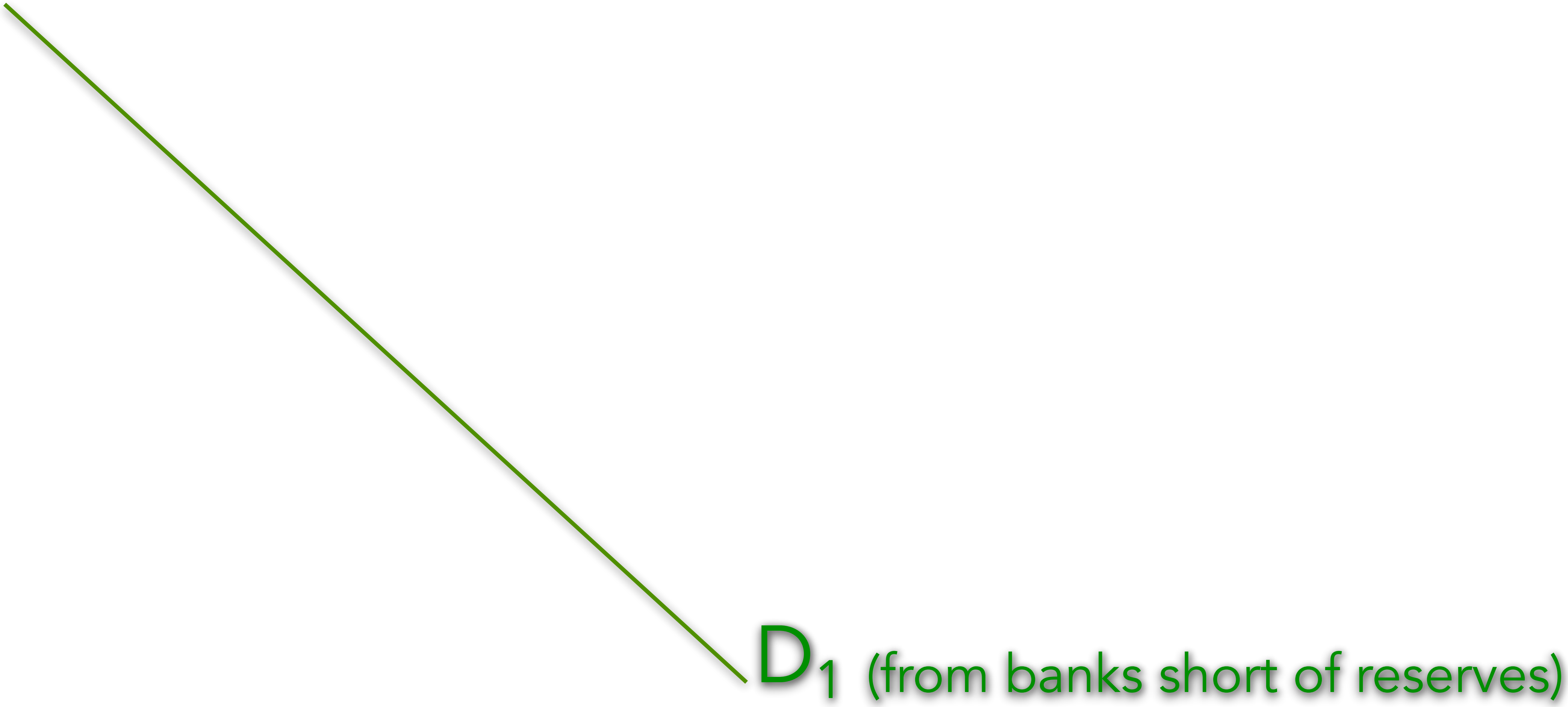


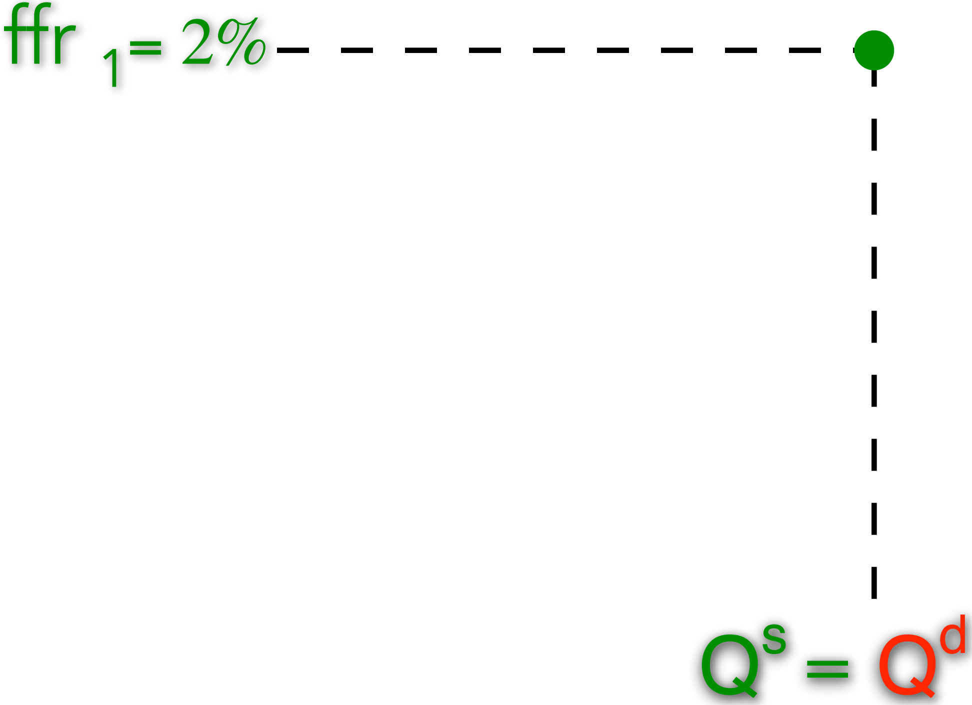
A leftward shift in the Demand of funds



$ffr_e = 3\%$
$Q^s = Q^d$

Assume the market starts at equilibrium


D_1 (from banks short of reserves)


$ffr_1 = 2\%$
$Q^s = Q^d$

The Fed Funds
Rate decrease

When GDP decrease, consumers buy less: The public need less liquid balances for fewer transactions

Required Reserves

decrease

Demand for funds

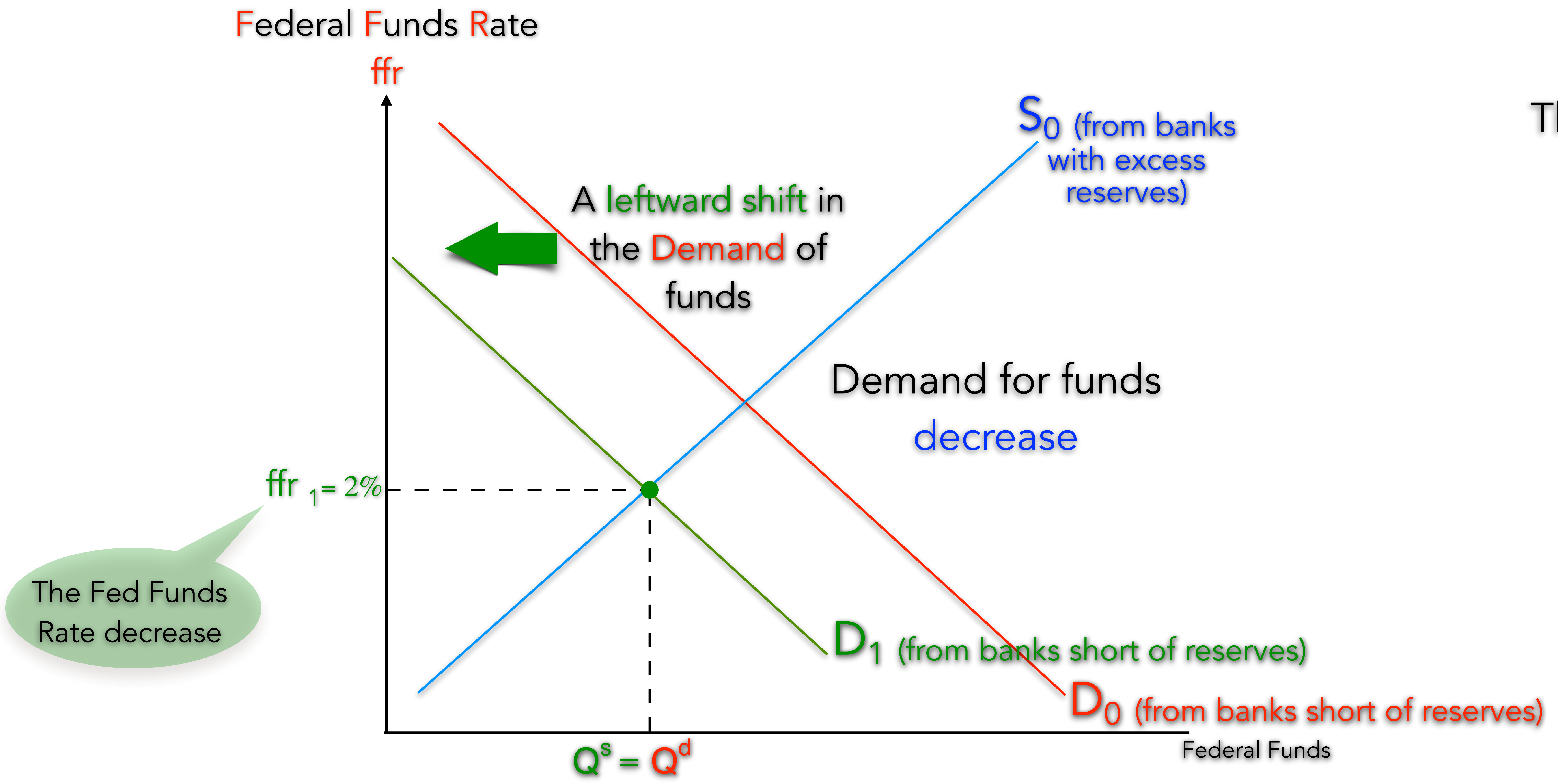
decrease

Fewer banks will end the day short of reserves

Federal Funds Rate

ffr

The effect of a decrease in GDP on the Federal Funds Rate



When GDP decrease, consumers buy less: The public need less liquid balances for fewer transactions

↓

The public deposits a smaller portion of their income in checking accounts

↓

Deposits decrease

↓

Required Reserves decrease

↓

Fewer banks will end the day short of reserves

The Bond Market