

Stromrate v. y

$$C = 200 + 0.8 Y_d$$

$$T = 125 + 0.25 Y$$

$$\underline{I = 500 - 500 R}$$

$$X_J = 200 - 0.1 Y - 500 R$$

$$L = (0.5 Y - 1000 R) \cdot P$$

Strom Menge

Strom menge

Strom well

$$Y = E$$

$$\Sigma = C + I + X_J + G$$

$$Y = C + I + X_J + G$$

$$Y = \underbrace{200}_{\downarrow} + 0.8 Y_d + \underbrace{500}_{\downarrow} - \underbrace{500 R}_{\downarrow} + \underbrace{200}_{\downarrow} - 0.1 Y - 500 R + G$$

$$Y = 900 + 0.8(Y - 125 - 0.25Y) - 1000 R - 0.1Y + G$$

$$Y = 900 + 0.8Y - 100 - 0.2Y - 1000 R - 0.1Y + G$$

$$Y = 800 + 0.5Y - 1000 R + G$$

$$Y - 0.5Y = 800 - 1000 R + G$$

$$0.5Y = 800 - 1000 R + G$$

division durch 0.5

$$Y = 1600 - 2000 R + 2G$$

|S_y

$$2000 R = 1600 - Y + 2G$$

division durch 2000

$$R = 0.8 - 0.0005Y + 0.001G$$

Strom menge

$$L = M^s \cdot M^d = M; M = (0.5Y - 1000R) \cdot P$$

$$\frac{M}{P} = 0.5Y - 1000 R$$

$$-0.5Y = -\frac{\pi}{P} - 1000r \quad \text{dividendo per } -0.5$$

$$Y = 2 \frac{\pi}{P} + 2000r \quad LM_Y$$

$$-2000r = 2 \frac{\pi}{P} - Y \quad \text{dividendo per } -2000r$$

$$r = -0.001 \frac{\pi}{P} + 0.0005Y \quad LM_r$$

entrambi le equazioni in forme ridotte di Y , r

Forme ridotte del reddito

$$IS_1 = LM_1$$

$$0.8 - 0.0005Y + 0.001G = -0.001 \frac{\pi}{P} + 0.0005Y$$

$$+0.0005Y - 0.0005Y = -0.8 + 0.001G + 0.001 \frac{\pi}{P} \quad \text{moltiplico per } -1$$

$$0.001Y = 0.8 + 0.001G + 0.001 \frac{\pi}{P} \quad \text{divido per } 0.001$$

$$Y = 800 + G + \frac{\pi}{P} \quad \begin{array}{l} \text{Forme} \\ \text{ridotte} \end{array}$$

del reddito

Forme ridotte del tasso d'interessi

$$IS_1 = LM_1$$

$$1600 - 1000r + 2G = 2 \frac{\pi}{P} + 2000r$$

$$-1000r - 2000r = -1600 - 2G + 2 \frac{\pi}{P}$$

$$-3000r = -1600 - 2G + 2 \frac{\pi}{P}$$

$$G \text{ diviso per } -3000$$

$$\underline{r = 0.4 + 0.0005G - 0.0005 \frac{\pi}{P}}$$

Forme ridotte del tasso d'
interesse

$$Y = 600 + G + \frac{M}{P}$$

$$R = 0.4 + 0.0005 G - 0.0005 \frac{M}{P}$$

$G = 600 \quad M = 600 \text{ von } P = 1$

$$Y^* : ? \quad R^* : ?$$

$$Y = 600 + 600 + 600 ;$$

$$Y^* : 1800$$

$$R^* = 0.4 + 0.0005 \cdot 600 - 0.0005 \cdot 600$$

$$R^* = 0.3$$

Collezione + Salvo delle esigenze

C^*, J^*, X_{ij}^*, L^*

$$T^* = 125 + 0.25 \cdot 1800 ; \quad T^* = 575$$

$$Y_d^* = Y^* - T^* ; \quad Y_d^* = 1800 - 575 ; \quad Y_d^* = 1225$$

$$C^* = 200 + 0.8 (1225) ; \quad C^* = 1180$$

$$I^* = 500 - 500 (0.3) ; \quad I^* = 350$$

$$X_{ij}^* = 200 - 0.1 (1800) - 500 (0.3) ; \quad X_{ij}^* = -130$$

$$L^* = (0.5 \cdot 1800 - 1000 \cdot 0.3) \cdot 1 ; \quad L^* = 600$$

Verifizieren die 1. und 2. Nebenbedingung

$$J^* = S^* ; \quad L^* \cdot M \Rightarrow 600 = 600$$

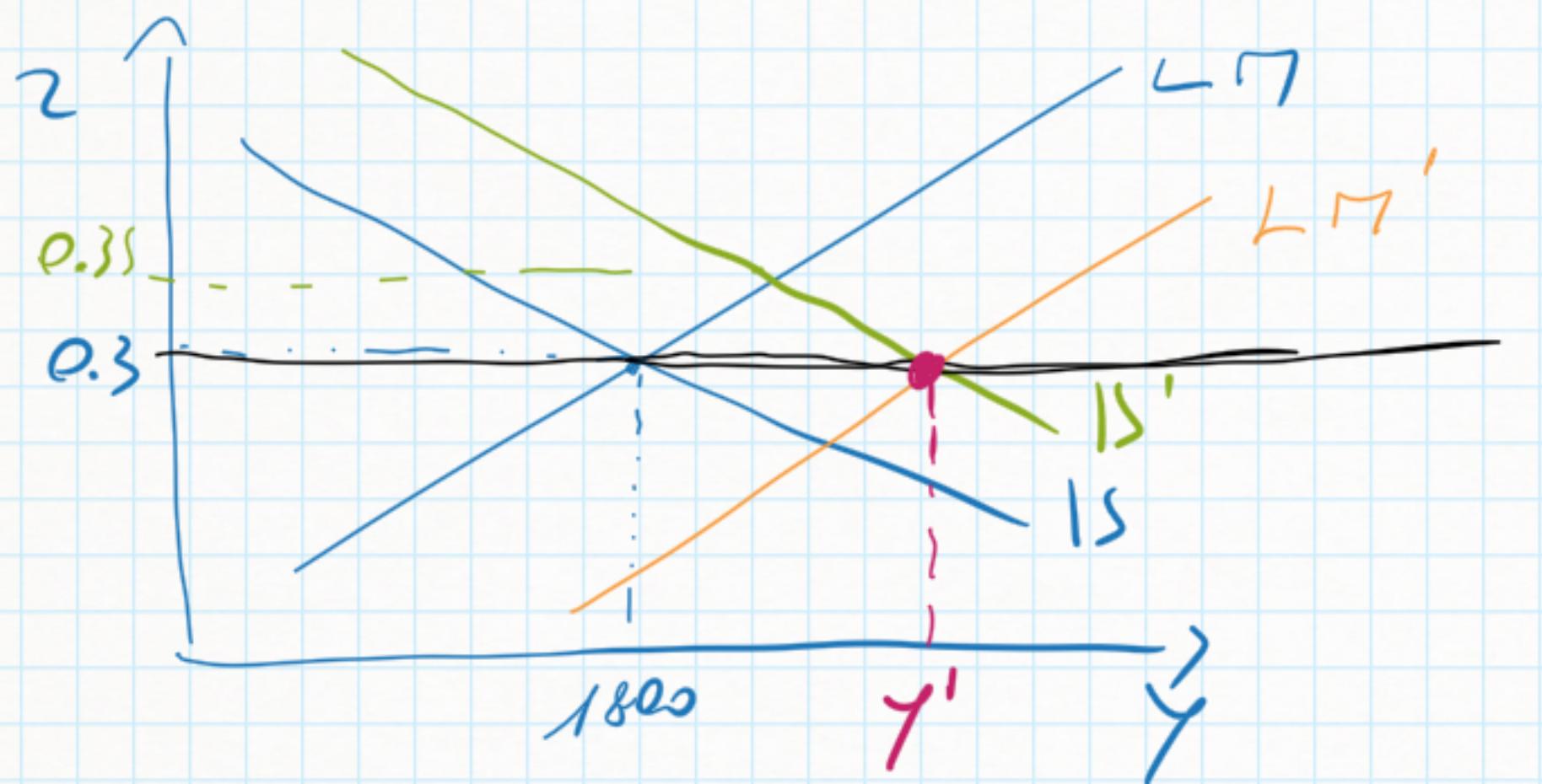
$$S = S_{pr} + S_{pb} + S_{rw} ;$$

$$S_{pr} = Y_d^* - C ; \quad S_{pr}^* = 1225 - 1180 ; \quad S_{pr}^* = 45 \quad \left. \begin{array}{l} 45 \\ 175 \\ 130 \end{array} \right\} 350$$

$$S_{pb} = T^* - G ; \quad S_{pb}^* = 575 - 400 ; \quad S_{pb}^* = 175$$

$$S_{rw} = -X_{ij}^* ; \quad S_{rw}^* = 130 \quad \left. \begin{array}{l} 130 \\ 350 \end{array} \right\} 350$$

Verifiziert!!!



Les Suède se $G \uparrow$ sao? Effekt myn \bar{S} ?

$$r = 0.4 + 0.0005(500) - 0.0005(600)$$

$$r' = 0.35$$

$$I' = 500 - 500(0.35); I' = 325$$

Pi considerer l'effet d'une opere apres une politie monetaire c'es restants afandis. P son
d'intensite constante

$$0.3 = 0.4 + 0.0005(500) - 0.0005 \cdot M'$$

$$0.3 = 0.4 + 0.25 - 0.0005 \eta'$$

$$0.0005 \eta' = 0.4 + 0.25 - 0.3$$

$$0.0005 \eta' : 0.35$$

$\eta' = 700$ il nuovo circolo di M where per mantenere invariato il tasso di imbarco

