

$$w_i^0 + \sum_{t=1}^T \beta_t w_i^t$$

$$= c_i^0 + \sum_{t=1}^T \beta_t c_i^t$$

REVENU A CHAQUE PERIODE : COURS

CLASSIQUE

ZERO-COUPON

(Rt, ..., Rt, (1+r)^t)

OBLIGATIONS

TAX INT LONG

ACTIFES FI

REVENU = 1

DATE PACHE

Risk β_t

MICROECONOMIE

TRISATION

TRIS $\Omega_0 \rightarrow (C_0, C_1)$

ARROW - DEBREU

pour l'entree dans état Ω

numeraire

prix $\beta_1 = \frac{\pi_1^0 \text{ ou } \pi^0(c^0)}{\text{ou } \pi^0(c^1)} = \frac{\pi^0(c^0)}{\pi^0(c^1)}$

Tous les profits de revenus possibles sont accessibles

Marche complet \rightarrow det $\neq 0$ $Rg(V) = \sum_{i=1}^I \theta_i^i c_i^i$

TNS homogène \rightarrow Agence \rightarrow $\frac{\partial}{\partial c_1}$ $\frac{\partial}{\partial c_2}$

$$w_i^0 + \sum_{t=1}^T \beta_t w_i^t = c_i^0 + \sum_{t=1}^T \beta_t c_i^t$$

$$w_i^0 + \sum_{t=1}^T \beta_t w_i^t = \sum_{i=1}^I \theta_i^i w_i^0 + \sum_{i=1}^I \theta_i^i c_i^i$$

$$w_i^0 + \sum_{t=1}^T \beta_t w_i^t = \sum_{i=1}^I \theta_i^i w_i^0 + \sum_{i=1}^I \theta_i^i c_i^i$$

Equivalence

(C_1, \dots, C_T)

$\frac{1}{1+r} = \beta_1 + \dots + \beta_T$

PROFIT

$\pi = \frac{p(R)}{1+r} - k$

$p_0 = EC - w_0$

$v(EC) = E(w_0)$

$p = E(c^i) - \beta_0$

Aversion Risque

COURS

PRODUCTION

$p'(R) = 1+r$

TTS $\Omega_0 \rightarrow (\Omega_0 - k_0, g)$

opt en 0	cash en 0	1	1	2
opt en 1	cash en 1	β_1	β_2	β_3
opt en 2	cash en 2	β_1	β_2	β_3
opt en 3	cash en 3	β_1	β_2	β_3

$$\beta_t = \frac{1}{(1+r)^t}$$

$$w_i^0 + \sum_{t=1}^T \beta_t w_i^t = c_i^0 + \sum_{t=1}^T \beta_t c_i^t$$

$$w_i^0 + \sum_{t=1}^T \beta_t w_i^t = \sum_{i=1}^I \theta_i^i w_i^0 + \sum_{i=1}^I \theta_i^i c_i^i$$

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