

TFG

$$y_a = A_a^k (B_a P_a)^{1-k_a}$$

$$y_n = A_n^{k_n} (B_n P_n)^{1-k_n}$$

$$y_a \cdot l_a = \Omega_a (P_a)^{n_a-1} \cdot c + \bar{c}_a$$

$$(1-s) y_n \cdot (1-l_a) = (1-\Omega_a) \cdot (P_a)^{n_a} \cdot c$$

$$\frac{y_a \cdot l_a - \bar{c}_a}{\Omega_a (P_a)^{n_a-1}} = \frac{(1-s) y_n \cdot (1-l_a)}{(1-\Omega_a) \cdot (P_a)^{n_a}}$$

$$\frac{y_a \cdot l_a}{\Omega_a \cdot (P_a)^{n_a-1}} = \frac{(1-s) y_n \cdot (1-l_a)}{(1-\Omega_a) \cdot (P_a)^{n_a}} + \frac{\bar{c}_a}{\Omega_a (P_a)^{n_a-1}}$$

$$y_a \cdot l_a = \frac{(1-s) y_n \cdot (1-l_a) \cdot \Omega_a (P_a)^{n_a-1}}{(1-\Omega_a) \cdot (P_a)^{n_a}} + \frac{\bar{c}_a \cdot \Omega_a (P_a)^{n_a-1}}{\Omega_a (P_a)^{n_a-1}}$$

$$y_a \cdot l_a = \frac{(1-s) y_n \cdot (1-l_a) \cdot \Omega_a}{(1-\Omega_a) \cdot P_a} + \bar{c}_a$$

$$y_a \cdot l_a - \bar{c}_a = (1-s) y_n \cdot \Omega_a$$

$$[(1-\Omega_a) \cdot P_a (y_a \cdot l_a - \bar{c}_a)] = (1-s) \cdot y_n \cdot \Omega_a - (1-s) \cdot y_n \cdot l_a \cdot \Omega_a$$

$$y_a \cdot l_a \cdot P_a \cdot (1-\Omega_a) - \bar{c}_a \cdot (1-\Omega_a) \cdot P_a = 0$$

$$y_a \cdot l_a \cdot P_a (1-\Omega_a) + (1-s) y_n \cdot l_a \cdot \Omega_a = (1-s) y_n \cdot \Omega_a + \bar{c}_a \cdot (1-\Omega_a) \cdot P_a$$

$$l_a (y_a \cdot P_a \cdot (1-\Omega_a) + (1-s) y_n \cdot \Omega_a) = (1-s) y_n \cdot \Omega_a + \bar{c}_a \cdot (1-\Omega_a) \cdot P_a$$

$$l_a = \frac{(1-s) y_n \cdot \Omega_a + \bar{c}_a \cdot (1-\Omega_a) \cdot P_a}{(y_a \cdot P_a \cdot (1-\Omega_a) + (1-s) y_n \cdot \Omega_a)} \Rightarrow \text{Multiplico y divido } \frac{\Omega_a}{\Omega_a}$$

$$l_a = \frac{(1-s) y_n + \frac{\bar{c}_a \cdot (1-\Omega_a) \cdot P_a}{\Omega_a}}{(1-s) y_n + \frac{y_a \cdot P_a \cdot (1-\Omega_a)}{\Omega_a}} \Rightarrow \text{lo ordeno}$$