

Two Production Functions

$$Y_t = A_t \cdot \Gamma\left(1 - \alpha, \frac{K_t}{L_t}\right) \cdot K_t^\alpha L_t^{1-\alpha}$$
$$Y_t^* = \frac{A_t}{1 - \alpha} \cdot K_t^\alpha L_t^{1-\alpha}$$

where $\Gamma(a, b) \equiv \int_0^b s^{a-1} e^{-s} ds$.