

Global Economy Equilibrium Scenario Builder

Demography

Global Population Trend Component

Households

Overview

Choices Made by Households

Lifetime: Utility-Function α

Constraints

Demography

Global Population Trend Component

##

Households

Overview

Choices Made by Households

- Demand consumption goods
- Demand for investment goods and capital accumulation
- Labor supply
- Demand for (bank) deposits
- Demand for (bank) loans

Lifetime: Utility-Function α

$$E_0 \sum_{t=0}^{\infty} \left(\log \frac{ch_t}{nn_t} - \frac{1}{1+\eta} nh_t^{\eta} - \nu_1 \log \frac{netw_t}{pch_t nn_t} \right) nn_t$$

where

Constraints
