

Available Graphs for Optimal Economist: An Implementation of Larsonian Econophysics

Individual Graph Scenarios

- 1 -- Same Savings Amount Each Year
- 2 -- Same Percent Change in Savings Amount Each Year
- 3 -- Projected Savings Based on Past Years

Company Graphs (Past and Projected)

Total Revenue

Net Earnings

Total Cost

Employees

Total Revenue Per Employee

Net Earnings Per Employee

Total Cost Per Employee

Relative Revenue Productivity, kR

Relative Cost Productivity, kC

kR/kC

Business Sector Graphs (Past and Projected)

Total Revenue

Net Earnings

Total Cost

Employees

Total Revenue Per Employee

Net Earnings Per Employee

Total Cost Per Employee

Total Cost to Total Revenue

Country Graphs (Past and Projected)

Capital K

Investments I

yvol_obs. (dec. change in cap. util.)

gres (dec. change in cons. reservoirs)

r (interest rate)

Empl. N

navol (ratio of current no. to prev. no. of Empl.)

wages w

fw (dec. change in wages)

aprod (dec. change in productivity)

Imports

Delta Imports (change in imports divided by GDP0)

Exports

Delta Exports (change in exports divided by GDP0)

NX (exports – imports, equal to Gov. Deficit)

M0 (high-powered money, base money supply)

g_M0 (dec. change in money supply)

g_eff (effective dec. change in money supply)

g_opt0 (dec. change in money supply to obtain 0% inflation)

g_optm1 (dec. change in money supply to get -1% inflation)

g_eff/g_M0 (ratio of effective to actual change in money supply)

Infl._obs %

GDP_obs.

gr% GDP_obs.

GDP w/proj. factors

gr% GDP w/proj. factors

GDP w/mean factors

gr% GDP w/mean factors

Government Spending G

Total Consumption C

Total National Saving S

Effective Tax Rate tau_Kw

wages plus investment income per employee wb

taxes per employee

disposable income per employee disp

consumption per employee c

savings per employee s

savings rate of employees sr

zp_obs (dec. change in price due to change in cres and yvol)

r_true (interest rate after taxes and depreciation)

CPI_obs

Imports/GDP_obs

Exports/GDP_obs

v_M0 (dec. change in vel. of circ. based on M0)

v_g_eff (dec. change in vel. of circ. based on g_eff)

Vel. Circ.

Total Taxes T