

List of Level and Stock Variables

(021) avg alpha delay= DELAY FIXED (avg alpha , 1 , initial avg alpha)	(144) eta 1[industry]= DELAY FIXED (eta[industry] , 1 , initial eta[industry])
(023) avg byK lambda i delay[industry]= DELAY FIXED ( avg byK lambda i[industry] , 1, initial lambda i[industry])	(151) etaHH delay= DELAY FIXED ( etaHH , 1 , 1.35398)
(031) avg etaEN i delay[industry]= DELAY FIXED(avg etaEN[industry], 1,avg etaEN i 0[industry])	(173) g lambda i delay[industry]= DELAY FIXED (g lambda i[industry] , 1 , 0)
(042) beta ELG elect delay= DELAY FIXED ( beta ELG elect , 1 , 0.835)	(188) GDP delay= DELAY FIXED ( GDP , 1 , initial GDP)
(044) beta ELG gas delay= DELAY FIXED (beta ELG gas , 1 ,0.165)	(189) GDP delay real= DELAY FIXED(GDP real, 1 , initial GDP )
(086) CPI delay= DELAY FIXED (CPI, 1 , 1)	(195) GDP perCap real delay= DELAY FIXED (GDP perCap real, 1 , 35900)
(095) d EONIA delay= DELAY FIXED (d EONIA, 1 , d EONIA)	(221) Gov FD delay= DELAY FIXED ( Gov FD , 1 , initial Gov Creal)
(106) Debt i[industry]= INTEG ( newdebt i[industry], initial Debt i[industry])	(228) GWB Eji delay[skill,industry]= DELAY FIXED ( GWB Eji[skill,industry] , 1 , initial NEji[skill,industry]* initial wageh ji[skill,industry]* H Ei[industry])
(107) Debt i delay[industry]= DELAY FIXED (Debt i[industry], 1, initial Debt i[industry])	(304) ir Debt delay= DELAY FIXED ( ir Debt , 1 , ir Debt 0)
(132) Elect delay[nrg,industry]= DELAY FIXED( act elect[nrg,industry], 1 , 0)	(309) ir LTB delay= DELAY FIXED ( ir LTB , 1 , ir LTB 0)
(136) EONIA delay= DELAY FIXED ( EONIA, 1 , EONIA 0)	(312) JG Eco output share delay= DELAY FIXED (JG Eco output share, 1 , 0)
(139) Eq high delay= DELAY FIXED ( Stock Vjf[high,equities] , 1 , Stock Vjf[high,equities])	(314) JG Ej[skill]= INTEG ( in JG Ej[skill]-out JG Ej[skill],0)
(140) Eq Kap delay= DELAY FIXED ( Stock V Kap f[equities] , 1 , Stock V Kap f[equities])	(319) JG P13 Serv delay= DELAY FIXED (JG Serv output, 1 , 0)
(141) Eq middle delay= DELAY FIXED ( Stock Vjf[middle,equities], 1 , Stock Vjf[middle,equities])	(337) k i[industry]= INTEG ( in k[industry] - outk[industry], initial k i[industry])
(143) eta[industry]= INTEG ( in eta i[industry], initial eta[industry])	(338) kappa Fi delay[industry]= DELAY FIXED ( sens GFCGi cash[industry]*

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NF i[industry]/Ki nom[industry], 1 , sens GFCGi cash[industry]*Fi 0[industry]/initial ki[industry])	(458) Pop 15 To 44= INTEG ( (maturation 14 to 15 - deaths 15 to 44 - maturation 44 to 45), initial pop 15 to 44)
(343) Ki nom delay[industry]= DELAY FIXED (Ki nom[industry], 1 , Ki nom[industry])	(459) Pop 45 To 64= INTEG ( ( maturation 44 to 45 - deaths 45 to 64 - maturation 64 to 65 ), initial pop 54 to 64)
(348) lambda 1[industry]= DELAY FIXED (lambda i[industry] , 1 , initial lambda i[industry])	(460) Pop 65 Plus= INTEG ( ( maturation 64 to 65 - deaths 65 plus ), initial pop 65 plus)
(352) lambda i[industry]= INTEG ( in lambda i[industry], initial lambda i[industry])	(491) real Tot Exp delay= DELAY FIXED (real Tot Exp, 1 , 5.57523e+11*(0.992))
(358) Lev i delay[industry]= DELAY FIXED (Lev i[industry], 1, initial Debt i[industry]/ initial k i[industry])	(495) real VDj delay[skill]= DELAY FIXED ( real VD j[skill], 1 , initial real VDj[skill])
(398) N Eji delay[skill,industry]= DELAY FIXED( N Eji[skill,industry], 1 , N Eji[skill,industry])	(497) real YDj delay[skill]= DELAY FIXED (real YD j[skill] , 1 , (initial real YD j[skill]))
(409) NFi net delay[industry]= DELAY FIXED (NFi net[industry], 1 , FU i 0[industry])	(499) real YVD Kap delay= DELAY FIXED (real YVD Kap , 1 , initial real VDKap)
(419) out Services delay= DELAY FIXED (Output i real[Nonfinancial and Social Economy], 1 , 0)	(504) rrB delay= DELAY FIXED ( rrB net, 1 , rrB net)
(425) Output i delay[industry]= DELAY FIXED ( Output i real[industry] , 1 , initial Output i[industry])	(509) rrEq delay[industry]= DELAY FIXED (rrEq , 1 , 0.03)
(432) p Bond delay= DELAY FIXED ( p Bond , 1 , 1)	(510) rrEq delay3[industry]= DELAY FIXED (rrEq delay[industry] , 2 , 0.03)
(437) p Eq= INTEG (MIN(MAX(0.001*E demand/Stock Eq supply,-0.02*p Eq),0.02*p Eq), 1)	(512) rrEq net delay= DELAY FIXED (rrEq net , 1 , rrEq 0)
(438) p Eq delay= DELAY FIXED ( p Eq, 1 , 1)	(544) share En nrg i delay[nrg,industry]= DELAY FIXED (share nrg i[nrg,industry] , 1 , initial share nrg i[nrg,industry])
(445) p i delay[industry]= DELAY FIXED (p i[industry] , 1 , p i 0 norm[industry])	(580) Stock Bond real= INTEG ( in b r,Bond real 0)
(457) Pop 0 To 14= INTEG (( births - deaths 0 to 14 - maturation 14 to 15 ), initial pop 0 to 14)	(581) Stock Bond real delay= DELAY FIXED (Stock Bond real , 1 , 0)

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(582) Stock Eq supply= INTEG ( new Eq,2.13e+11)

(583) Stock Tot V= INTEG ( inV - outV, initial Tot V)

(584) Stock V jf  
delay[skill,wealth]= DELAY FIXED ( Stock Vjf[skill,wealth], 1, Stock Vjf[skill,wealth] )

(585) Stock V Kap= INTEG ( inV c - outV c, initial Tot VKap)

(586) Stock V Kap f[wealth]= INTEG (in VKap f[wealth]-out VKap f[wealth], V0 Kap f[wealth])

(587) Stock V Kap f delay[wealth]= DELAY FIXED(Stock VKapf[wealth], 1,Stock VKap f[wealth])

(588) Stock Vf[wealth]= INTEG ( in Tot Vf[wealth]-out Vf[wealth], initial Tot Vf[wealth])

(589) Stock Vj[skill]= INTEG ( in Vj[skill]-outVj[skill], initial Tot Vj[skill])

(590) Stock Vjf[skill,wealth]= INTEG (in Vjf[skill,wealth] - out Vjf[skill,wealth], V0jf[skill,wealth])

(666) Tot FD HH delay= DELAY FIXED (Tot FD HH, 1 , 9.07653e+11)

(668) Tot GFCF delay = DELAY FIXED ( Tot GFCF, 1 , 4.09e+11)

(704) TrSoc FC j delay[skill]= DELAY FIXED (TrSoc FCj[skill], 1, initial TrSoc FC j[skill]\* N Fj[skill])

(709) TrSoc SD j delay[skill]= DELAY FIXED(TrSoc SD j[skill], 1, initial TrSoc SD j[skill]\* N Aj[skill])

(711) U rate j delay[skill]= DELAY FIXED (U rate j[skill], 1 , initial U rate j[skill])

(715) uc i delay[industry]= DELAY FIXED (uc i[industry] , 1 , initial uc i[industry])

(720) "Unemployment rate-1"= DELAY FIXED (Tot U rate, 1 , 0.1029)

(731) wageh ji  
delay[skill,industry]= DELAY FIXED ( wageh ji[skill,industry], 1 , initial wageh ji[skill,industry])

(737) YD Kap delay= DELAY FIXED ( YVD Kap, 1 , initial YD Kap)

(745) YVD j delay [skill]= DELAY FIXED (YVD j[skill], 1 , initial real YD j[skill])

(749) ZEn delay i[industry]= DELAY FIXED (ZEn i[industry] , 1 , Z E 0[industry])

(752) Zi delay[industry]= DELAY FIXED (Z i[industry] ,1 , initial Zi[industry])

(755) Zimp i delay[industry]= DELAY FIXED ( Zimp i[industry],1, initial Zimp i[industry])