

DANMARKS STATISTIK

20. kontor

Modelgruppen

november 1986

A D A M, april 1986 – en oversigt

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Indledning

Formålet med dette notat er, at give en summarisk dokumentation af ADAM, april 1986 med FINDAN.

Udvidelsen i forhold til ADAM, oktober 1984 er ret omfattende. Idet der med ADAM, april 1986 for første gang kan kobles en finansiel sektormodel (FINDAN) til ADAM.

Da den nuværende version af FINDAN må betegnes som en testversion, og sammenkoblingen af ADAM og FINDAN kan give uforudsete resultater, har ADAM, april 1986 med FINDAN karakter af en overgangsversion.

Det forventes således, at der i løbet af 1987 vil blive opstillet en ny modelversion, hvor de erfaringer, der er gjort dels med FINDAN, dels med sammenkoblingen af ADAM og FINDAN, vil blive indarbejdet. Det er hensigten, at den kommende version af ADAM skal dokumenteres i serien "rapport fra modelgruppen".

Modelændringer

I det følgende vil der kort blive redegjort for, hvilke udvidelser og ændringer, der er foretaget i forhold til ADAM, oktober 1984. Redegørelsen vil hovedsagelig bestå af nummererede henvisninger til modelgruppepapirer. De anvendte modelgruppepapirer fremgår af bilag 1.

Den største ændring er som nævnt udvidelsen af ADAM med den finansielle sektormodel FINDAN. En dokumentation af FINDAN fremgår af 1. FINDANs databank "Penge" må indtil videre betragtes som internt materiale, da der i databanken "Penge" indgår ikke-offentliggjorte variable fra Nationalbanken, for hvilke spørgsmålet om en fremtidig brug i databanken endnu ikke er afklaret. Dokumentation af den finansielle databank fremgår af 2.

I forlængelse af udbygningen af ADAM med en model for den finansielle sektor er boliginvesteringerne blevet endogeniseret for bl.a. at øge transmissionen mellem de reale og finansielle dele af modellen. Resultatet af arbejdet med beskrivelsen af boliginvesteringerne fremgår af 2.

Yderligere er en opdeling af sektorernes nettofordrings-erhvervelser og en beskrivelse af rentestømme mellem sektorerne også sket som en følge af udbygningen af ADAM med en finansiell sektormodel. Disse udvidelser af ADAM fremgår af 4, 5, og 6. Hertil kommer en mindre udbygning af beskrivelsen af samspillet betalingsbalance og offentlig sektorbalance.

Udover ændringer som følge af udbygning med en finansiell sektor, er der til beskrivelsen af det samlede forbrug inddraget et udtryk for realrenten efter skat; desuden er indkomstudtrykket her og i bilkøbsfunktionen ændret. Ændringerne er beskrevet i 7. Desuden er der foretaget en mindre ændring i input-output modellen, hvilket fremgår af 8.

Modelegenskaber

Til belysning af modelegenskaberne i ADAM, april 1986 med FINDAN er der foretaget en række multiplikatoreksperimenter med modellen samt en række tilsvarende eksperimenter med ADAM, oktober 1984 versionen. Eksperimenterne er dokumenteret i 9.

Bilag 1. Oversigt over modelgruppepapirer vedrørende ADAM, april 1986 med FINDAN.

- 1 Den finansielle Sektormodel FINDAN - testversion 1
NLP 16.10.86
- 2 Dokumentation af den finansielle databank PENGE
NLP 24.09.86
- 3 Boliginvesteringsmodel i ADAM, april 1986.
EH 11.08.86
- 4 De offentlige fonde og den kommunale sektors nettofordrings-
erhvervelse.
AKH 22.10.85 (rettet 26.11.85)
- 5 Statens nettorenteindtægter.
AKH 11.02.86 (revideret 01.04.86)
- 6 Nettoindbetaling og nettorenteindtægter for livsforsikrings-
selskaber og pensionskasser og realrenteafgiften.
AKH 09.05.86
- 7 Funktion for samlet forbrug og bilkøbsfunktion i ADAM, april
1986.
EH 30.05.86
- 8 Ændringer i ADAMs input-output model.
LA 10.04.86
- 9 ADAM, april 86 - Multiplikatoreksperimenter.
LA 06.06.86 (rettet 30.06.86)

Bilag 2. ADAM, april 1986 og FINDAN. Ligningssystemer.

I det følgende er ligningerne, der indgår i henholdsvis ADAM, april 1986 og FINDAN udskrevet.

Det skal bemærkes, at FINDAN er en kvartalsmodel, hvorimod ADAM fortsat er en årsmodel. Der er fundet en teknisk løsning, der gør det muligt at løse modellen, hvor ADAM og FINDAN er sammenkoblet.

Af hensyn til overskueligheden er de to modeller opskrevet hver for sig. Det er derfor ikke umiddelbart muligt at anvende de udskrevne ligningssystemer til løsning af den samlede model, da hverken den tekniske omskrivning af FINDAN og eller det element, der sammenbinder årsmodellen ADAM med kvartalsmodellen FINDAN, er medtaget.

Det element, der sammenbinder ADAM og FINDAN, består af overgange mellem henholdsvis variable bestemt i ADAM, som indgår i FINDAN og variable bestemt i FINDAN, som indgår i ADAM. (Hvilke variable det drejer sig om fremgår af bilag 3.). Variable bestemt i ADAM, som indgår i FINDAN, udsprede på kvartaler, ved hjælp af en fastlagt tidsprofil, hvor begrænsningen er, at årets kvartaler skal summe til årsvariablernes niveau. Variable bestemt i FINDAN, som indgår i ADAM, fastlægges for statusvariable, som beholdningen ultimo 4. kvartal og for rentevariable, som simpelt gennemsnit af årets kvartaler.

ADAM, APRIL 1986.

PRIVAT FORBRUG

- 1. G YDR6 = YRP + YRS + YRH + TIPP1
- 2. G YD6 = -SDS - .9*(PIPB*PIPB + PIPM*PIPM2) + JYDR6 \$
- 3. S CP4 = YW - TVPR1 + TVN - (SD - SDS - SDR + SAGB + SASO)
- 4. S FCH = +.53*YDR6 + .33*YDR6(-1)*PCP4V/PCP4V(-1)
- 5. I CP4XH = +.14*YDR6(-2)*PCP4V/PCP4V(-2) + JYD6 \$
- 6. I PCGBK = +.42094*(LOG(PCP4V)-LOG(PCP4V(-1)))
- 7. I KCUF1 = - .76291*LOG(CP4(-1)/YD6(-1)) + LOG(CP4(-1))
- 8. I KCUN1 = - .32916*(.75*IKU + .25*IKU(-1))
- 9. I KCU11 = *(1 - .75*YD6 - .25*YD6(-1)) - RCPFF
- 10. I KCUE1 = + JDLCP4 + JCP4 \$
- 11. I KCUB1 = +.016688*FIH + 0.03176*FIH(-1)
- 12. I KCUV1 = + FCH(-1) + JDFCH \$
- 13. I KCU51 = +.019556/(KCU1(-1)*PCN(-1)) \$
- 14. I KCU11 = +.638089*(FCI(-1)-0.05*ET(-1)/PCN(-1))/U(-1)
- 15. I KCU11 = -0.067533/(KCU1(-1)*FCI(-1)) \$
- 16. S FCF = +.009754/(KCU1(-1)*PCE(-1))
- 17. S FCB = +.003761*FROS-0.003365*FROS(-1) \$
- 18. S FCB = +.810501*(FCGBK(-1)-0.13*ET(-1)/FCGBK(-1))/U(-1)
- 19. S FCB = -0.034211/(KCU1(-1)*FCGBK(-1)) \$
- 20. S FCB = +.076776/(KCU1(-1)*PCV(-1))
- 21. S FCB = -3.55235*(0.75*IKU+0.25*IKU(-1))
- 22. S FCB = +2.47572*(0.75*IKU(-1)+0.25*IKU(-2)) \$
- 23. S FCB = +.913299*(FCS(-1)-0.38*ET(-1)/FCS(-1))/U(-1)
- 24. S FCB = -0.051545/(KCU1(-1)*FCS(-1)) \$
- 25. S FCB = +.957475*FCT(-1)/U(-1)
- 26. S FCB = -0.022027/(KCU1(-1)*FCT(-1)) \$
- 27. S FCB = +.494178/(CP4XH/U - (KCUF1 + PCF*JFCF/U
- 28. S FCB = + KCU11 + PCN*JFCN/U
- 29. S FCB = + KCU11 + PCI*JFCI/U
- 30. S FCB = + KCU11 + PCB*JFCE/U
- 31. S FCB = + KCU11 + PCGBK*JFCGBK/U
- 32. S FCB = + KCU11 + PCV*JFCV/U
- 33. S FCB = + KCU11 + PCS*JFCS/U
- 34. S FCB = + KCU11 + PCT*JFCT/U) \$
- 35. S FCB = (KCUF1/PCF + 0.058949/(PCF*KCU1))*U
- 36. S FCB = +0.25*ET/PCF + JFCF \$
- 37. S FCB = (KCU1/PCN + 0.045318/(PCN*KCU1))*U

- 18. S FCI = +0.14*ET/PCN + JFCN \$
- 19. S FCE = (KCU1/PCI + 0.106684/(PCI*KCU1))*U
- 20. S FCGBK = +0.05*ET/PCI + JFCI \$
- 21. S FCGBK = (KCU1/PCE + 0.016277/(PCE*KCU1))*U
- 22. S FCGBK = + JFCE \$
- 23. S FCGBK = (KCU1/PCGBK + 0.058470/(PCGBK*KCU1))*U
- 24. S FCGBK = +0.13*ET/PCGBK + JFCGBK \$
- 25. S FCGBK = (KCU1/PCV + 0.140164/(PCV*KCU1))*U
- 26. S FCGBK = +0.05*ET/PCV + JFCV \$
- 27. S FCGBK = (KCU1/PCS + 0.070599/(PCS*KCU1))*U
- 28. S FCGBK = +0.38*ET/PCS + JFCS \$
- 29. S FCGBK = (KCU1/PCT + 0.027718/(PCT*KCU1))*U
- 30. S FCGBK = + JFCT \$
- 31. S FCGBK = (-0.17880*(PCG/PCB - 1.5*PCG(-1)/PCB(-1)) \$
- 32. S FCGBK = +0.5*PCG(-2)/PCB(-2))
- 33. S FCGBK = +2.7290*0.5*(KCB/U - KCB(-2)/U(-2))
- 34. S FCGBK = +(FCG(-1) - 0.06*ET(-1)/PCG(-1))/U(-1)*U
- 35. S FCGBK = +0.06*ET/PCG + JDFCG \$
- 36. S FCGBK = (PCG*FCG(-1)+PCB*FCB2(-1))/(FCG(-1)+FCB2(-1)) \$
- 37. S FCGBK = (-0.17014*((0.75*YD6/PCP4V)/U
- 38. S FCGBK = +0.25*(YD6(-1)/PCP4V(-1))/U(-1)
- 39. S FCGBK = -(2/3)*(0.75*YD6(-1)/PCP4V(-1))/U(-1)
- 40. S FCGBK = -0.25*(YD6(-2)/PCP4V(-2))/U(-2))
- 41. S FCGBK = -1.9678*((0.75*UCCB/PCB+0.25*UCCB(-1)/PCB(-1))
- 42. S FCGBK = - (2/3)*(0.75*UCCB(-1)/PCB(-1)+0.25*UCCB(-2)
- 43. S FCGBK = /PCB(-2)) -13.783*(0.75*IKU+0.25*IKU(-1)
- 44. S FCGBK = -(2/3)*(0.75*IKU(-1)+0.25*IKU(-2))
- 45. S FCGBK = -0.63871*FCB(-1)/U(-1)+FCB(-1)/U(-1) *U
- 46. S FCGBK = + JDFCB \$
- 47. S FCGBK = .34*FCB + .238*FCB(-1) + .167*FCB(-2)
- 48. S FCGBK = +.117*FCB(-3) + .082*FCB(-4) + .056*FCB(-5) \$
- 49. S FCGBK = = KCB(-1) + 0.0206*FCB - BKCB*KCB(-1) + JDKCB \$
- 50. S FCGBK = (FCGBK*PCGBK-PCG*FCG-PCB*FCB2)/PCB \$
- 51. S FCGBK = FCH*FCF+FCN*FCI+FCB*FCB+FCB*FCB+FCB*FCB+FCB*FCB+FCB*FCB
- 52. S FCGBK = FCF*PCF+FCN*PCN+FCI*PCI+FCB*PCE+FCG*PCG
- 53. S FCGBK = +FCB*PCB+FCV*PCV +FCH*PCH+FCF*PCF
- 54. S FCGBK = +FCS*PCS+FCT*FCT - FET*PET \$
- 55. S FCGBK = (CP/FCP \$
- 56. S FCGBK = FCP - FCB + FCB2 \$
- 57. S FCGBK = (PCB*FCB2(-1) + PCE*PCE(-1) + PCF*PCF(-1)
- 58. S FCGBK = + PCG*FCG(-1) + PCH*PCH(-1) + PCI*PCI(-1)
- 59. S FCGBK = + PCK*PCK(-1) + PCN*PCN(-1) + PCS*PCS(-1)
- 60. S FCGBK = + PCV*PCV(-1) + PCT*PCT(-1) - PET*PET(-1)
- 61. S FCGBK = /FCP4(-1) \$
- 62. S FCGBK = -.2*(PCP4V(-1)/PCP4V(-2) - 1) + .8*RPCPF(-1)
- 63. S FCGBK = +JRECPF \$
- 64. S FCGBK = CP4XH/(PCP4-FCH) \$

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- 37. I XVH = 2.0*PXA*FXA + 0.5*PXNG*FXNG + 1.5*PXNE*FXNE
- 38. I XVH = + 0.5*PXNF*FXNF + 1.5*PXNN*FXNN + 1.5*PXNB*FXNB
- 39. I XVH = + PXNM*FXNM + PXNT*FXNT + PXNK*FXNK
- 40. I XVH = + PXNO*FXNO + PXB*FXB
- 41. I XVH = + PXQH*FXQH + 4.0*PXQS*FXQS + 2.0*PXQT*FXQT
- 42. I XVH = + PXQF*FXQF + 1.5*PXQO*FXQO \$

38. I FXVM = 2.0*FXA + 0.5*FXNG + 1.5*FXNE + 0.5*FXNF + 1.5*FXNN + 1.5*FXNB + FXNM + FXNT + FXNK + FXNQ + FXB + FXQH + 4.0*FXQS + 2.0*FXQT + FXQF + 1.5*FXQQ \$

39. I PXVM = XVM/FXVM \$

40. G TSDSU = TSDS + JTSDSU \$

41. I BIVPM = BIVPMO + BIVPM1/(1 + (1-TSDSU)*IKO) + BIVPM2/(1 + (1-TSDSU)*IKO)**2 + BIVPM3/(1 + (1-TSDSU)*IKO)**3 + JBIVPM \$

42. I UIPM = ((1-TSDSU*BIVPM)/(1-TSDSU))*(PIPM/PXVM) * ((1-TSDSU)*IKO - ((PXVM/PXVM)(-1)-1) + (PXVM(-1)/PXVM(-2)-1))/2 + 0.0885 \$

43. I VIPM = (0.07204*FXVM + 0.05615*FXVM(-1) + 0.04027*FXVM(-2) - 0.053947*FXVM*(0.8*UIPM + 0.1*UIPM(-1) + 0.1*UIPM(-2))) / (0.24639+0.0885) + JVIPM \$

44. S FIPM = (0.24639+0.0885)*(VIPM-VIPM(-1)) - 0.24639*(FIPNM(-1)-FIEM(-1)) + 7622.12*D76 + (FIPM(-1)-FIEM(-1)) + FIEM + JDFIPM \$

45. G FIPM2 = .34*FIPM + .238*FIPM(-1) + .167*FIPM(-2) + .117*FIPM(-3) + .082*FIPM(-4) + .056*FIPM(-5) \$

46. S FIPVM = 0.0885*(0.25*(FIPNM-FIEM) + 0.75*(FIPNM(-1)-FIEM(-1))) + FIPVM(-1) + JDFIVM \$

47. I FIPNH = FIPM - FIPVM \$

48. I XVB = 3.0*PXA*FXA + 0.5*PXNG*FXNG + 3.5*PXNE*FXNE + 0.5*PXNF*FXNF + FXNN*FXNN + PXNB*FXNB + PXNM*FXNM + PXNT*FXNT + PXNK*FXNK + PXNQ*FXNQ + 0.2*PXB*FXB + PXOH*FXOH + 0.2*FXQS*FXQS + 3.0*FXQT*FXQT + 2.0*FXQF*FXQF + 1.5*FXQQ*FXQQ \$

49. I FXVB = 3.0*FXA + 0.5*FXNG + 3.5*FXNE + 0.5*FXNF + FXNN + FXNB + FXNM + FXNT + FXNK + FXNQ + 0.2*FXB + FXQH + 0.2*FXQS + 3.0*FXQT + 2.0*FXQF + 1.5*FXQQ \$

50. I PXVB = XVB/FXVB \$

51. I BIVPB = BIVPMO + BIVPB1/(1 + (1-TSDSU)*IKO) + BIVPB2/(1 + (1-TSDSU)*IKO)**2 + BIVPB3/(1 + (1-TSDSU)*IKO)**3 + JBIVPB \$

52. I UIPB = ((1-TSDSU*BIVPB)/(1-TSDSU))*(PIPB/PXVB) * ((1-TSDSU)*IKO - ((PXVB/PXVB)(-1)-1) + (PXVB(-1)/PXVB(-2)-1) + (PXVB(-2)/PXVB(-3)-1))/3 + 0.0458 \$

53. I VIPB = (0.07210*FXVB + 0.03834*FXVB(-1) + 0.00459*FXVB(-2) - 0.042539*FXVB*(UIPB(-1) + UIPB(-2) + UIPB(-3)))/3 / (0.14334+0.0458) + JVIPB \$

54. S FIPB = (0.14334+0.0458)*(VIPB - VIPB(-1)) - 0.14334*(FIPNB(-1) - FIEB(-1)) + (FIPB(-1) - FIEB(-1)) + FIEB + JDFIPB \$

55. S FIPVB = 0.0458*(0.25*(FIPNB-FIEB)+0.75*(FIPNB(-1)-FIEB(-1))) + FIPVB(-1) + JDFIVB \$

56. I FIPNB = FIPB - FIPVB \$

57. S FIHV = .0099*(.25*FIHN + .75*FIHM(-1)) + FIHV(-1) + JFIHV \$

58. I FIHN = FIH - FIHV \$

59. G YDS = YF - YROF + TYN - TYPRI + TIPP1 - (SD - SDR + SAGB + SASO) - (.9*(PIPB*FIPVB + PIPM*FIPM2) + JYDS \$

60. G FIHV1 = .0099*(KH(-1) + JFIHV1 \$

61. G KH = KH(-1) + FIHN1 + JDKH \$

62. G RYDF = .7*((YDS(-1)-YFOI(-1))/U(-1)) / ((YDS(-2)-YFOI(-2))/U(-2)) - 1 + .3*RYDF(-1) + JRYDF \$

63. G RYDDF = .3*((YDS-YFOI)/PCP4XH)/((YDS(-1)-YFOI(-1))/PCP4XH(-1)) - 1 + .7*RYDDF(-1) + JRYDDF \$

64. G RPHPF = (.5*(PHP(-1)/PHP(-2) - 1) + .5*RPHPF(-1) * (1-DRPHPF) + JRPHPF \$

65. G TSAOU = TSAO + JTSAOU \$

66. S PHK = (-1.2727*(KH(-1)/KH(-2) - 1) + 3.1175*RYDDF - 4.3445*(IWBZ*(1-TSAOU)-IWBZ(-1)*(1-TSAOU(-1))) + 1.7672*(RPHPF-RPHPF(-1)) + .69072*(RYDF-RYDF(-1)) + .090669*D72 + 1) * PHK(-1) * PCP4XH/PCP4XH(-1) + JDPHK \$

67. I PHP = PHK/KPHK + JPHP \$

68. S FIHN1 = -21624 + .47179*FIHN1(-1) + 26161*PHK / (.8*PIH+.2*PHGK) + .46071*(NBS-.47179*NBS(-1)) + 5072*D76 + 4697.1*D19723 + JFIHN1 \$

69. I FIH = FIHN1 + FIHV1 \$

70. S FIOV = .0091*(.25*FION + .75*FION(-1)) + FIOV(-1) + JFIOV \$

71. I FION = FIO-FIOV \$

72. G IV = FIOV*FIOV + (FIHV*PIH + FIPVB*PIB + FIPVM*PIPM)*KPIHPV \$

73. I FIO = FIOB + FIOV \$

74. I FIM = FIPM + FIOV \$

75. I FIB = FIPB + FIM + FIOB \$

LAGERINVESTIRINGER I FASTE PRISER

76. G FILA = BAIL*((FXA-FILA)-(FXA(-1)-FILA(-1))) + JFILA \$

77. S FILE = .00925* (.75*((FXE-FILE)-(FXE(-1)-FILE(-1))) + .25*((FXE(-1)-FILE(-1))-(FXE(-2)-FILE(-2)))) + JFILE \$

78. G FILNE = BNEIL*((FXNE-FILNE)-(FXNE(-1)-FILNE(-1))) + JFILNE \$

79. G FILNG = BNGIL*((FXNG-FILNG)-(FXNG(-1)-FILNG(-1))) + JFILNG \$

80. S FILNF = .09937* (.75*((FXNF-FILNF)-(FXNF(-1)-FILNF(-1))) + .25*((FXNF(-1)-FILNF(-1))-(FXNF(-2)-FILNF(-2)))) + JFILNF \$

81. S FILNN = .14826* (.50*((FXNN-FILNN)-(FXNN(-1)-FILNN(-1))) + .50*((FXNN(-1)-FILNN(-1))-(FXNN(-2)-FILNN(-2)))) + JFILNN \$

82. S FILNB = .24834* (.50*((FXNB-FILNB)-(FXNB(-1)-FILNB(-1))) + .50*((FXNB(-1)-FILNB(-1))-(FXNB(-2)-FILNB(-2)))) + JFILNB \$

83. S FILNM = .15676* (.50*((FXNM-FILNM)-(FXNM(-1)-FILNM(-1))) + .50*((FXNM(-1)-FILNM(-1))-(FXNM(-2)-FILNM(-2)))) - .70849*FILNM(-1) + FILNM(-1) + JFILNM \$

84. S FILNT = .27841* (.25*((FXNT-FILNT)-(FXNT(-1)-FILNT(-1))) + .75*((FXNT(-1)-FILNT(-1))-(FXNT(-2)-FILNT(-2)))) + JFILNT \$

38. I FXVM = 2.0*FXA + 0.5*FXNG + 1.5*FXNE + 0.5*FXNF + 1.5*FXNN + 1.5*FXNB + FXNM + FXNT + FXNK + FXNQ + FXB + FXQH + 4.0*FXQS + 2.0*FXQT + FXQF + 1.5*FXQQ \$

39. I PXVM = XVM/FXVM \$

40. G TSDSU = TSDS + JTSDSU \$

41. I BIVPM = BIVPMO + BIVPM1/(1 + (1-TSDSU)*IKO) + BIVPM2/(1 + (1-TSDSU)*IKO)**2 + BIVPM3/(1 + (1-TSDSU)*IKO)**3 + JBIVPM \$

42. I UIPM = ((1-TSDSU*BIVPM)/(1-TSDSU))*(PIPM/PXVM) * ((1-TSDSU)*IKO - ((PXVM/PXVM)(-1)-1) + (PXVM(-1)/PXVM(-2)-1))/2 + 0.0885 \$

43. I VIPM = (0.07204*FXVM + 0.05615*FXVM(-1) + 0.04027*FXVM(-2) - 0.053947*FXVM*(0.8*UIPM + 0.1*UIPM(-1) + 0.1*UIPM(-2))) / (0.24639+0.0885) + JVIPM \$

44. S FIPM = (0.24639+0.0885)*(VIPM-VIPM(-1)) - 0.24639*(FIPNM(-1)-FIEM(-1)) + 7622.12*D76 + (FIPM(-1)-FIEM(-1)) + FIEM + JDFIPM \$

45. G FIPM2 = .34*FIPM + .238*FIPM(-1) + .167*FIPM(-2) + .117*FIPM(-3) + .082*FIPM(-4) + .056*FIPM(-5) \$

46. S FIPVM = 0.0885*(0.25*(FIPNM-FIEM) + 0.75*(FIPNM(-1)-FIEM(-1))) + FIPVM(-1) + JDFIVM \$

47. I FIPNH = FIPM - FIPVM \$

48. I XVB = 3.0*PXA*FXA + 0.5*PXNG*FXNG + 3.5*PXNE*FXNE + 0.5*PXNF*FXNF + FXNN*FXNN + PXNB*FXNB + PXNM*FXNM + PXNT*FXNT + PXNK*FXNK + PXNQ*FXNQ + 0.2*PXB*FXB + PXOH*FXOH + 0.2*FXQS*FXQS + 3.0*FXQT*FXQT + 2.0*FXQF*FXQF + 1.5*FXQQ*FXQQ \$

49. I FXVB = 3.0*FXA + 0.5*FXNG + 3.5*FXNE + 0.5*FXNF + FXNN + FXNB + FXNM + FXNT + FXNK + FXNQ + 0.2*FXB + FXQH + 0.2*FXQS + 3.0*FXQT + 2.0*FXQF + 1.5*FXQQ \$

50. I PXVB = XVB/FXVB \$

51. I BIVPB = BIVPMO + BIVPB1/(1 + (1-TSDSU)*IKO) + BIVPB2/(1 + (1-TSDSU)*IKO)**2 + BIVPB3/(1 + (1-TSDSU)*IKO)**3 + JBIVPB \$

52. I UIPB = ((1-TSDSU*BIVPB)/(1-TSDSU))*(PIPB/PXVB) * ((1-TSDSU)*IKO - ((PXVB/PXVB)(-1)-1) + (PXVB(-1)/PXVB(-2)-1) + (PXVB(-2)/PXVB(-3)-1))/3 + 0.0458 \$

53. I VIPB = (0.07210*FXVB + 0.03834*FXVB(-1) + 0.00459*FXVB(-2) - 0.042539*FXVB*(UIPB(-1) + UIPB(-2) + UIPB(-3)))/3 / (0.14334+0.0458) + JVIPB \$

54. S FIPB = (0.14334+0.0458)*(VIPB - VIPB(-1)) - 0.14334*(FIPNB(-1) - FIEB(-1)) + (FIPB(-1) - FIEB(-1)) + FIEB + JDFIPB \$

55. S FIPVB = 0.0458*(0.25*(FIPNB-FIEB)+0.75*(FIPNB(-1)-FIEB(-1))) + FIPVB(-1) + JDFIVB \$

56. I FIPNB = FIPB - FIPVB \$

57. S FIHV = .0099*(.25*FIHN + .75*FIHM(-1)) + FIHV(-1) + JFIHV \$

58. I FIHN = FIH - FIHV \$

59. G YDS = YF - YROF + TYN - TYPRI + TIPP1 - (SD - SDR + SAGB + SASO) - (.9*(PIPB*FIPVB + PIPM*FIPM2) + JYDS \$

60. G FIHV1 = .0099*(KH(-1) + JFIHV1 \$

61. G KH = KH(-1) + FIHN1 + JDKH \$

85. S FILM2 = .13537*
 (-.25*(FXNK-FILNK)-(FXNK(-1)-FILNK(-1)))
 +.75*(FXNK(-1)-FILNK(-1))-(FXNK(-2)-FILNK(-2)))
 + JFILNK \$

86. S FILM3 = .28771*
 (-.75*(FXNQ-FILNQ)-(FXNQ(-1)-FILNQ(-1)))
 +.25*(FXNQ(-1)-FILNQ(-1))-(FXNQ(-2)-FILNQ(-2)))
 + JFILNQ \$

87. S FILQ4 = .02038*
 ((FXQH-FILQH)-(FXQH(-1)-FILQH(-1)))
 + JFILQH \$

88. G FILQ5 = BQJIL*((FXQJ-FILQJ)-(FXQJ(-1)-FILQJ(-1)))
 + JFILQJ \$

89. G FILM6 = BMOIL*((FMO-FILMO)-(FMO(-1)-FILMO(-1)))
 + JFILMO \$

90. S FILM1 = .24774*
 ((FM4-FILM1)-(FM1(-1)-FILM1(-1)))
 + JFILM1 \$

91. S FILM2 = .13086*
 (-.50*(FM2-FILM2)-(FM2(-1)-FILM2(-1)))
 +.50*(FM2(-1)-FILM2(-1))-(FM2(-2)-FILM2(-2)))
 + JFILM2 \$

92. S FILM3R = .14585*
 (-.50*(FM3R-FILM3R)-(FM3R(-1)-FILM3R(-1)))
 +.50*(FM3R(-1)-FILM3R(-1))-(FM3R(-2)-FILM3R(-2)))
 + JFILM3R \$

93. S FILM3K = .13458*
 (-.50*(FM3K-FILM3K)-(FM3K(-1)-FILM3K(-1)))
 +.50*(FM3K(-1)-FILM3K(-1))-(FM3K(-2)-FILM3K(-2)))
 + JFILM3K \$

94. G FILM3Q = BQJIL*((FM3Q-FILM3Q)-(FM3Q(-1)-FILM3Q(-1)))
 + JFILM3Q \$

95. S FILM5 = .17625*
 (-.50*(FM5-FILM5)-(FM5(-1)-FILM5(-1)))
 +.50*(FM5(-1)-FILM5(-1))-(FM5(-2)-FILM5(-2)))
 + JFILM5 \$

96. S FILM6M = .13637*
 (-.50*(FM6M-FILM6M)-(FM6M(-1)-FILM6M(-1)))
 +.50*(FM6M(-1)-FILM6M(-1))-(FM6M(-2)-FILM6M(-2)))
 + JFILM6M \$

97. S FILM6Q = .23395*
 (-.75*(FM6Q-FILM6Q)-(FM6Q(-1)-FILM6Q(-1)))
 +.25*(FM6Q(-1)-FILM6Q(-1))-(FM6Q(-2)-FILM6Q(-2)))
 + JFILM6Q \$

98. S FILM7B = .27249*
 ((FM7B-FILM7B)-(FM7B(-1)-FILM7B(-1)))
 + JFILM7B \$

99. S FILM7Q = .16389*
 (-.75*(FM7Q-FILM7Q)-(FM7Q(-1)-FILM7Q(-1)))
 +.25*(FM7Q(-1)-FILM7Q(-1))-(FM7Q(-2)-FILM7Q(-2)))
 + JFILM7Q \$

100. G FILM7Y = BQJIL*((FM7Y-FILM7Y)-(FM7Y(-1)-FILM7Y(-1)))
 + JFILM7Y \$

101. S FILM8 = .11032*
 ((FM8-FILM8)-(FM8(-1)-FILM8(-1)))
 + JFILM8 \$

102. I FIL = (FIL+FILE+FILNE+FILNG+FILNP+FILNH+FILNB+FILNM
 +FILNT+FILNK+FILNQ+FILOH+FILOQ+FILNO+FILM1+FILM2
 +FILM3R+FILM3K+FILM3Q+FILM3R+FILM3K+FILM3Q+FILM6M+FILM6Q+FILM7B
 +FILM7Q+FILM7Y+FILM8)/(1-ASVIL) \$

EKSPORT I FASTE PRISER

103. G FE0 = FE0E*
 (((1-WPE01-WPE02)*PE0 + WPE01(-1)*PE0(-1)
 + WPE02(-2)*PE0(-2))
 /((1-WPE01-WPE02)*PE0E + WPE01(-1)*PE0E(-1)
 + WPE02(-2)*PE0E(-2))*ZEO + JFE0 \$

104. G FE1 = FE1E*
 (((1-WPE11-WPE12)*PE1 + WPE11(-1)*PE1(-1)
 + WPE12(-2)*PE1(-2))
 /((1-WPE11-WPE12)*PE1E + WPE11(-1)*PE1E(-1)
 + WPE12(-2)*PE1E(-2))*ZE1 + JFE1 \$

105. G FE2 = FE2E*
 (((1-WPE21-WPE22)*PE2 + WPE21(-1)*PE2(-1)
 + WPE22(-2)*PE2(-2))
 /((1-WPE21-WPE22)*PE2E + WPE21(-1)*PE2E(-1)
 + WPE22(-2)*PE2E(-2))*ZE2 + JFE2 \$

106. G FE5 = FE5E*
 (((1-WPE51-WPE52)*PE5 + WPE51(-1)*PE5(-1)
 + WPE52(-2)*PE5(-2))
 /((1-WPE51-WPE52)*PE5E + WPE51(-1)*PE5E(-1)
 + WPE52(-2)*PE5E(-2))*ZE5 + JFE5 \$

107. G FE6 = FE6E*
 (((1-WPE61-WPE62)*PE6 + WPE61(-1)*PE6(-1)
 + WPE62(-2)*PE6(-2))
 /((1-WPE61-WPE62)*PE6E + WPE61(-1)*PE6E(-1)
 + WPE62(-2)*PE6E(-2))*ZE6 + JFE6 \$

108. G FE7Y = FE7YE*
 (((1-WPE7Y1-WPE7Y2)*PE7Y + WPE7Y1(-1)*PE7Y(-1)
 + WPE7Y2(-2)*PE7Y(-2))
 /((1-WPE7Y1-WPE7Y2)*PE7YE + WPE7Y1(-1)*PE7YE(-1)
 + WPE7Y2(-2)*PE7YE(-2))*ZE7Y + JFE7Y \$

109. G FE7Q = FE7QE*
 (((1-WPE7Q1-WPE7Q2)*PE7Q + WPE7Q1(-1)*PE7Q(-1)
 + WPE7Q2(-2)*PE7Q(-2))
 /((1-WPE7Q1-WPE7Q2)*PE7QE + WPE7Q1(-1)*PE7QE(-1)
 + WPE7Q2(-2)*PE7QE(-2))*ZE7Q + JFE7Q \$

110. G FE8 = FE8E*
 (((1-WPE81-WPE82)*PE8 + WPE81(-1)*PE8(-1)
 + WPE82(-2)*PE8(-2))
 /((1-WPE81-WPE82)*PE8E + WPE81(-1)*PE8E(-1)
 + WPE82(-2)*PE8E(-2))*ZE8 + JFE8 \$

111. I FEV = FE0+FE1+FE2+FE3+FE5+FE6+FE7Y+FE7Q+FE8 \$

112. G FET = FETE*
 (((1-WPET1-WPET2)*PET + WPET1(-1)*PET(-1)
 + WPET2(-2)*PET(-2))
 /((1-WPET1-WPET2)*PETE + WPET1(-1)*PETE(-1)
 + WPET2(-2)*PETE(-2))*ZET + JFET \$

113. I FE = FEV+FE8+FET \$

FORVENTET RELATIV VEKST I ANVENDELSER

114. I RFXAE = 0.4*FXA(-1)/FXA(-2)+
 0.3*FXA(-2)/FXA(-3) + 0.3*FXA(-3)/FXA(-4) -1 \$

115. I RFXNGE = 0.4*FXNG(-1)/FXNG(-2)+
 0.3*FXNG(-2)/FXNG(-3)+0.3*FXNG(-3)/FXNG(-4) -1 \$

IMPORT I PASTE PRISER

- 116. I RFXNEE = 0.4*FXNE(-1)/FXNE(-2)+
0.3*FXNE(-2)/FXNE(-3) + 0.3*FXNE(-3)/FXNE(-4)
-1 \$
- 117. I RFXNFE = 0.4*FXNF(-1)/FXNF(-2)+
0.3*FXNF(-2)/FXNF(-3) + 0.3*FXNF(-3)/FXNF(-4)
-1 \$
- 118. I RFXNNE = 0.4*FXNN(-1)/FXNN(-2)+
0.3*FXNN(-2)/FXNN(-3) + 0.3*FXNN(-3)/FXNN(-4)
-1 \$
- 119. I RFXNBE = 0.4*FXNB(-1)/FXNB(-2)+
0.3*FXNB(-2)/FXNB(-3) + 0.3*FXNB(-3)/FXNB(-4)
-1 \$
- 120. I RFXNNE = 0.4*FXNH(-1)/FXNH(-2)+
0.3*FXNH(-2)/FXNH(-3) + 0.3*FXNH(-3)/FXNH(-4)
-1 \$
- 121. I RFXNTE = 0.4*FXNT(-1)/FXNT(-2)+
0.3*FXNT(-2)/FXNT(-3) + 0.3*FXNT(-3)/FXNT(-4)
-1 \$
- 122. I RFXNKE = 0.4*FXNK(-1)/FXNK(-2)+
0.3*FXNK(-2)/FXNK(-3) + 0.3*FXNK(-3)/FXNK(-4)
-1 \$
- 123. I RFXNQE = 0.4*FXNQ(-1)/FXNQ(-2)+
0.3*FXNQ(-2)/FXNQ(-3) + 0.3*FXNQ(-3)/FXNQ(-4)
-1 \$
- 124. I RFXNBE = 0.4*FXB(-1)/FXB(-2)+
0.3*FXB(-2)/FXB(-3) + 0.3*FXB(-3)/FXB(-4) -1 \$
- 125. I RFXQHE = 0.4*FXQH(-1)/FXQH(-2)+
0.3*FXQH(-2)/FXQH(-3) + 0.3*FXQH(-3)/FXQH(-4)
-1 \$
- 126. I RFXQTE = 0.4*FXQT(-1)/FXQT(-2)+
0.3*FXQT(-2)/FXQT(-3) + 0.3*FXQT(-3)/FXQT(-4)
-1 \$
- 127. I RFXQGE = 0.4*FXQE(-1)/FXQE(-2)+
0.3*FXQE(-2)/FXQE(-3) + 0.3*FXQE(-3)/FXQE(-4)
-1 \$
- 128. I RFXNHE = 0.4*FXH(-1)/FXH(-2)+
0.3*FXH(-2)/FXH(-3) + 0.3*FXH(-3)/FXH(-4) -1 \$
- 129. I RFXCNE = 0.4*FCN(-1)/FCN(-2)+
0.3*FCN(-2)/FCN(-3) + 0.3*FCN(-3)/FCN(-4) -1 \$
- 130. I RFXCIE = 0.4*FCI(-1)/FCI(-2)+
0.3*FCI(-2)/FCI(-3) + 0.3*FCI(-3)/FCI(-4) -1 \$
- 131. I RFXCBE = 0.4*FCB(-1)/FCB(-2)+
0.3*FCB(-2)/FCB(-3) + 0.3*FCB(-3)/FCB(-4) -1 \$
- 132. I RFXCVE = 0.4*FCV(-1)/FCV(-2)+
0.3*FCV(-2)/FCV(-3) + 0.3*FCV(-3)/FCV(-4) -1 \$
- 133. I RFXCSE = 0.4*FCS(-1)/FCS(-2)+
0.3*FCS(-2)/FCS(-3) + 0.3*FCS(-3)/FCS(-4) -1 \$
- 134. I RFXIME = 0.4*FIM(-1)/FIM(-2)+
0.3*FIM(-2)/FIM(-3) + 0.3*FIM(-3)/FIM(-4) -1 \$
- 135. I RFXIBE = 0.4*FIB(-1)/FIB(-2)+
0.3*FIB(-2)/FIB(-3) + 0.3*FIB(-3)/FIB(-4) -1 \$
- 136. I FML0 = (AMOA (-1)+JDAOAO) *FXA +
(AMONF (-1)+JDAONF) *FXNF +
(AMOOQ (-1)+JDAOOQ) *FXOQ +
(AMOCF (-1)+JDAOCF) *FCF +
(AMOCI (-1)+JDAOCI) *FCI +
(AMOIT (-1)+JDAOIT) *FIT \$
= JDFMZ0 + DXMO*FWZO(-1) + (1-DXMO)*FML0 \$
= FILMO + AHOEO*FEO + AMOOV*FXOV \$
= FMZO + FMUO \$
= (AM1NN (-1)+JDA1NN) *FXNN +
(AM1QQ (-1)+JDA1QQ) *FXQQ +
(AM1CN (-1)+JDA1CN) *FCN +
(AM1CI (-1)+JDA1CI) *FCI \$
= FMZ1(-1) + (AM1NN (-1)+JDA1NN) *FXNN(-1) *RFXNNE
+ (AM1QQ (-1)+JDA1QQ) *FXQQ(-1) *RFXQGE +
(AM1CN (-1)+JDA1CN) *FCN(-1) *RFXCNE +
(AM1CI (-1)+JDA1CI) *FCI(-1) *RFXCIE \$
= (PM1+TM1)/FXNN \$
= JDFMZ1 + DXM1*FMZ1(-1) + (1-DXM1)*FML1*
((0.75*PXM1 +0.25*PXM1 (-1))/(0.75*PXM1 (-1)+
0.25*PXM1 (-2)))*(-1.381*(1-DML1))
*(FML1/FML1E)**(1.112*(1-DML1)) \$
= AM1QV*FXOV + FILM1 + AM1E1*FE1 \$
= FMZ1 + FMU1 \$
= (AM2NF (-1)+JDA2NF) *FXNF +
(AM2NB (-1)+JDA2NB) *FXNB +
(AM2NK (-1)+JDA2NK) *FXNK +
(AM2NQ (-1)+JDA2NQ) *FXNQ +
(AM2B (-1)+JDA2B) *FXB +
(AM2CI (-1)+JDA2CI) *FCI \$
= FMZ2(-1) + (AM2NF (-1)+JDA2NF) *FXNF(-1) *RFXNFE
+ (AM2NB (-1)+JDA2NB) *FXNB(-1) *RFXNBE +
(AM2NK (-1)+JDA2NK) *FXNK(-1) *RFXNKE +
(AM2NQ (-1)+JDA2NQ) *FXNQ(-1) *RFXNQE +
(AM2B (-1)+JDA2B) *FXB(-1) *RFXBDE +
(AM2CI (-1)+JDA2CI) *FCI(-1) *RFXCIE \$
= (PM2+TM2)/(0.30*PXA+0.20*PXM2+0.50*PXB) \$
= JDFMZ2 + DXM2*FMZ2(-1) + (1-DXM2)*FML2*
((0.75*PXM2 +0.25*PXM2 (-1))/(0.75*PXM2 (-1)+
0.25*PXM2 (-2)))*(-0.791*(1-DML2)) \$
*(FML2/FML2E)**(0.450*(1-DML2)) \$
= AM2OV*FXOV + FILM2 + AM2E2*FE2 \$
= FMZ2 + FMU2 \$
= AM3KNB*FXNB +
AM3KCB*FCE +
AM3KOV*FXOV +
FILM3K +
AM3KE3*FE3 \$
= AM3RNG*FXNG + AM3ROV*FXOV + FILM3R \$
- 137. G FWZO = JDFMZ0 + DXMO*FWZO(-1) + (1-DXMO)*FML0 \$
- 138. I FMUO = FILMO + AHOEO*FEO + AMOOV*FXOV \$
- 139. I FMO = FMZO + FMUO \$
- 140. I FML1 = (AM1NN (-1)+JDA1NN) *FXNN +
(AM1QQ (-1)+JDA1QQ) *FXQQ +
(AM1CN (-1)+JDA1CN) *FCN +
(AM1CI (-1)+JDA1CI) *FCI \$
- 141. I FML1E = FMZ1(-1) + (AM1NN (-1)+JDA1NN) *FXNN(-1) *RFXNNE
+ (AM1QQ (-1)+JDA1QQ) *FXQQ(-1) *RFXQGE +
(AM1CN (-1)+JDA1CN) *FCN(-1) *RFXCNE +
(AM1CI (-1)+JDA1CI) *FCI(-1) *RFXCIE \$
- 142. I PXM1 = (PM1+TM1)/FXNN \$
- 143. S FMZ1 = JDFMZ1 + DXM1*FMZ1(-1) + (1-DXM1)*FML1*
((0.75*PXM1 +0.25*PXM1 (-1))/(0.75*PXM1 (-1)+
0.25*PXM1 (-2)))*(-1.381*(1-DML1))
*(FML1/FML1E)**(1.112*(1-DML1)) \$
- 144. I FMU1 = AM1QV*FXOV + FILM1 + AM1E1*FE1 \$
- 145. I FM1 = FMZ1 + FMU1 \$
- 146. I FML2 = (AM2NF (-1)+JDA2NF) *FXNF +
(AM2NB (-1)+JDA2NB) *FXNB +
(AM2NK (-1)+JDA2NK) *FXNK +
(AM2NQ (-1)+JDA2NQ) *FXNQ +
(AM2B (-1)+JDA2B) *FXB +
(AM2CI (-1)+JDA2CI) *FCI \$
- 147. I FML2E = FMZ2(-1) + (AM2NF (-1)+JDA2NF) *FXNF(-1) *RFXNFE
+ (AM2NB (-1)+JDA2NB) *FXNB(-1) *RFXNBE +
(AM2NK (-1)+JDA2NK) *FXNK(-1) *RFXNKE +
(AM2NQ (-1)+JDA2NQ) *FXNQ(-1) *RFXNQE +
(AM2B (-1)+JDA2B) *FXB(-1) *RFXBDE +
(AM2CI (-1)+JDA2CI) *FCI(-1) *RFXCIE \$
- 148. I PXM2 = (PM2+TM2)/(0.30*PXA+0.20*PXM2+0.50*PXB) \$
- 149. S FMZ2 = JDFMZ2 + DXM2*FMZ2(-1) + (1-DXM2)*FML2*
((0.75*PXM2 +0.25*PXM2 (-1))/(0.75*PXM2 (-1)+
0.25*PXM2 (-2)))*(-0.791*(1-DML2)) \$
*(FML2/FML2E)**(0.450*(1-DML2)) \$
- 150. I FMU2 = AM2OV*FXOV + FILM2 + AM2E2*FE2 \$
- 151. I FM2 = FMZ2 + FMU2 \$
- 152. I FM3K = AM3KNB*FXNB +
AM3KCB*FCE +
AM3KOV*FXOV +
FILM3K +
AM3KE3*FE3 \$
- 153. I FM3R = AM3RNG*FXNG + AM3ROV*FXOV + FILM3R \$

154. I FML30X = (AM30A (-1)+JDAM30A)*FXA + (AM30NF (-1)+JDAM30NF)*FXNF + (AM30NN (-1)+JDAM30NN)*FXNN + (AM30NB (-1)+JDAM30NB)*FXNB + (AM30NH (-1)+JDAM30NH)*FXNH + (AM30NT (-1)+JDAM30NT)*FXNT + (AM30NK (-1)+JDAM30NK)*FXNK + (AM30NQ (-1)+JDAM30NQ)*FXNQ + (AM30QB (-1)+JDAM30QB)*FXB + (AM30QH (-1)+JDAM30QH)*FXQH + (AM30QS (-1)+JDAM30QS)*FXQS + (AM30QT (-1)+JDAM30QT)*FXQT + (AM30QF (-1)+JDAM30QF)*FXQF + (AM30QQ (-1)+JDAM30QQ)*FXQQ + (AM30QH (-1)+JDAM30QH)*FXH \$

155. I FML3Q = FML30X + (AM30CI (-1)+JDAM30CI)*FCI + (AM30CE (-1)+JDAM30CE)*FCE + (AM30CG (-1)+JDAM30CG)*FCG \$

156. G FMZ3Q = JDFMZ3Q + DXM3Q*FMZ3Q (-1) + (1-DXM3Q)*FML3Q \$

157. I FMU3Q = AM30NG*FXNG + AM30NE*FXNE + AM30OV*FXOV + FILM3Q + FMU3Q \$

158. I FM3Q = (AMSA (-1)+JDAMSA)*FXA + (AM5NG (-1)+JDAM5NG)*FXNG + (AM5NH (-1)+JDAM5NH)*FXNH + (AM5NK (-1)+JDAM5NK)*FXNK + (AM5NQ (-1)+JDAM5NQ)*FXNQ + (AM5SB (-1)+JDAM5SB)*FXB + (AM5SCI (-1)+JDAM5SCI)*FCI \$

159. I FMLS = FMZ5 (-1) + (AMSA (-1)+JDAMSA)*FXA (-1)*RFXAE + (AM5NG (-1)+JDAM5NG)*FXNG (-1)*RFXNGE + (AM5NH (-1)+JDAM5NH)*FXNH (-1)*RFXNHE + (AM5NK (-1)+JDAM5NK)*FXNK (-1)*RFXNKE + (AM5NQ (-1)+JDAM5NQ)*FXNQ (-1)*RFXNQE + (AM5SB (-1)+JDAM5SB)*FXB (-1)*RFXSBE + (AM5SCI (-1)+JDAM5SCI)*FCI (-1)*RFXSCIE \$

160. I FMLS5E = JDFMLS5E + DXM5E*FMLS5E (-1) + (1-DXM5E)*FMLS5E (-1) + (0.75*FXM5 (-2))*(-0.933*(1-DML5)) \$

161. I FXM5 = AM5OV*FXOV + AM5IB*FIB + FILM5 + AM5B5*FE5 \$

162. S FMZ5 = FMZ5 + FMU5 \$

163. I FMU5 = (AM5NNF (-1)+JDAM5NNF)*FXNF + (AM5NNB (-1)+JDAM5NNB)*FXNB + (AM5NNH (-1)+JDAM5NNH)*FXNH + (AM5NNT (-1)+JDAM5NNT)*FXNT + (AM5NB (-1)+JDAM5NB)*FXB + (AM5NCV (-1)+JDAM5NCV)*FCV + (AM5NIM (-1)+JDAM5NIM)*FIM \$

164. I FM5 = FMZ5 (-1) + (AM5NNF (-1)+JDAM5NNF)*FXNF (-1)*RFXNFE + (AM5NNB (-1)+JDAM5NNB)*FXNB (-1)*RFXNBE + (AM5NNH (-1)+JDAM5NNH)*FXNH (-1)*RFXNHE + (AM5NNT (-1)+JDAM5NNT)*FXNT (-1)*RFXNTE + (AM5NB (-1)+JDAM5NB)*FXB (-1)*RFXSBE + (AM5NCV (-1)+JDAM5NCV)*FCV (-1)*RFXSCIE + (AM5NIM (-1)+JDAM5NIM)*FIM (-1)*RFXNFE \$

165. I FML6H = (AM6M/FML6E)*(-0.570*(1-DML6H)) \$

166. I FML6HE = (AM6M/FML6E)*(-0.570*(1-DML6H)) + (AM6M/FML6E)*(-0.570*(1-DML6H)) \$

167. S FMZ6M = JDFMZ6M + DXM6M*FMZ6M (-1) + (1-DXM6M)*FML6H* (FML6M/FML6E)*(-0.570*(1-DML6H)) \$

168. I FMU6M = AM6NOV*FXOV + FILM6M + AM6NB6*FE6 \$

169. I FM6M = FMZ6M + FMU6M \$

170. I FML6Q = (AM6QNF (-1)+JDAM6QNF)*FXNF + (AM6QNN (-1)+JDAM6QNN)*FXNN + (AM6QNB (-1)+JDAM6QNB)*FXNB + (AM6QNH (-1)+JDAM6QNH)*FXNH + (AM6QNT (-1)+JDAM6QNT)*FXNT + (AM6QNK (-1)+JDAM6QNK)*FXNK + (AM6QNG (-1)+JDAM6QNG)*FXNQ + (AM6QOB (-1)+JDAM6QOB)*FXB + (AM6QOH (-1)+JDAM6QOH)*FXQH + (AM6QOC (-1)+JDAM6QOC)*FCI + (AM6QCV (-1)+JDAM6QCV)*FCV + (AM6QCS (-1)+JDAM6QCS)*FCS + (AM6QIM (-1)+JDAM6QIM)*FIM \$

171. I FML6QE = FEZ6Q (-1) + (AM6QNF (-1)+JDAM6QNF)*FXNF (-1)*RFXNFE + (AM6QNN (-1)+JDAM6QNN)*FXNN (-1)*RFXNNE + (AM6QNB (-1)+JDAM6QNB)*FXNB (-1)*RFXNBE + (AM6QNH (-1)+JDAM6QNH)*FXNH (-1)*RFXNHE + (AM6QNT (-1)+JDAM6QNT)*FXNT (-1)*RFXNTE + (AM6QNK (-1)+JDAM6QNK)*FXNK (-1)*RFXNKE + (AM6QNG (-1)+JDAM6QNG)*FXNQ (-1)*RFXNQE + (AM6QOB (-1)+JDAM6QOB)*FXB (-1)*RFXSBE + (AM6QOH (-1)+JDAM6QOH)*FXQH (-1)*RFXQHE + (AM6QOC (-1)+JDAM6QOC)*FCI (-1)*RFXSCIE + (AM6QCV (-1)+JDAM6QCV)*FCV (-1)*RFXSCVE + (AM6QCS (-1)+JDAM6QCS)*FCS (-1)*RFXSCSE + (AM6QIM (-1)+JDAM6QIM)*FIM (-1)*RFXIME \$

172. I FXM6Q = (PM6Q+TM6Q)/(0.15*FXNB+0.10*PXNK+0.75*FXHQ) \$

173. S FMZ6Q = JDFMZ6Q + DXM6Q*FMZ6Q (-1) + (1-DXM6Q)*FML6Q* (0.25*FXM6Q (-2))*(-1.256*(1-DML6Q)) \$

174. I FMU6Q = AM6QOV*FXOV + FILM6Q + AM6QES*FE6 + AM6QIB*FIB \$

175. I FM6Q = FMZ6Q + FMU6Q \$

176. I FM7B = AM7BNT*FXNT + AM7B7B + AM7BE7Q*FE7Q \$

177. I FM7Y = AM7YNT*FXNT + AM7YCV*FCV + AM7YOV*FXOV + AM7YIM*FIM + FILM7Y + AM7Y7Y + AM7Y7Y*FE7Y \$

178. I FML7Q = (AM7QNE (-1)+JDAM7QNE)*FXNE + (AM7QNN (-1)+JDAM7QNN)*FXNN + (AM7QNT (-1)+JDAM7QNT)*FXNT + (AM7QB (-1)+JDAM7QB)*FXB + (AM7QOT (-1)+JDAM7QOT)*FXOT + (AM7QOB (-1)+JDAM7QOB)*FXB + (AM7QOC (-1)+JDAM7QOC)*FCB + (AM7QCV (-1)+JDAM7QCV)*FCV + (AM7QCS (-1)+JDAM7QCS)*FCS + (AM7QIM (-1)+JDAM7QIM)*FIM \$

179. I FML7QE = FMZ7Q (-1) + (AM7QNE (-1)+JDAM7QNE)*FXNE (-1)*RFXNNE + (AM7QNN (-1)+JDAM7QNN)*FXNN (-1)*RFXNNE + (AM7QNT (-1)+JDAM7QNT)*FXNT (-1)*RFXNTE + (AM7QB (-1)+JDAM7QB)*FXB (-1)*RFXSBE + (AM7QOT (-1)+JDAM7QOT)*FXOT (-1)*RFXQTE + (AM7QOB (-1)+JDAM7QOB)*FXB (-1)*RFXSBE + (AM7QOC (-1)+JDAM7QOC)*FCB (-1)*RFXSCBE + (AM7QCV (-1)+JDAM7QCV)*FCV (-1)*RFXSCVE + (AM7QCS (-1)+JDAM7QCS)*FCS (-1)*RFXSCSE + (AM7QIM (-1)+JDAM7QIM)*FIM (-1)*RFXIME \$

180. I FXM7Q = (PM7Q+TM7Q)/(0.90*FXNN+0.10*FXNT) \$

181. S FMZ7Q = JDFMZ7Q + DXM7Q*FMZ7Q (-1) + (1-DXM7Q)*FML7Q* (0.75*FXM7Q (-2))*(-0.899*(1-DML7Q)) \$

182. I FMU7Q = AM7QOV*FXOV + FILM7Q + AM7QES*FE7 + AM7QIB*FIB \$

183. I FMU5 = (AM5NNF (-1)+JDAM5NNF)*FXNF + (AM5NNB (-1)+JDAM5NNB)*FXNB + (AM5NNH (-1)+JDAM5NNH)*FXNH + (AM5NNT (-1)+JDAM5NNT)*FXNT + (AM5NB (-1)+JDAM5NB)*FXB + (AM5NCV (-1)+JDAM5NCV)*FCV + (AM5NIM (-1)+JDAM5NIM)*FIM \$

184. I FM5 = FMZ5 (-1) + (AM5NNF (-1)+JDAM5NNF)*FXNF (-1)*RFXNFE + (AM5NNB (-1)+JDAM5NNB)*FXNB (-1)*RFXNBE + (AM5NNH (-1)+JDAM5NNH)*FXNH (-1)*RFXNHE + (AM5NNT (-1)+JDAM5NNT)*FXNT (-1)*RFXNTE + (AM5NB (-1)+JDAM5NB)*FXB (-1)*RFXSBE + (AM5NCV (-1)+JDAM5NCV)*FCV (-1)*RFXSCIE + (AM5NIM (-1)+JDAM5NIM)*FIM (-1)*RFXNFE \$

185. I FML6H = (AM6M/FML6E)*(-0.570*(1-DML6H)) \$

186. I FML6HE = (AM6M/FML6E)*(-0.570*(1-DML6H)) + (AM6M/FML6E)*(-0.570*(1-DML6H)) \$

187. S FMZ6M = JDFMZ6M + DXM6M*FMZ6M (-1) + (1-DXM6M)*FML6H* (FML6M/FML6E)*(-0.570*(1-DML6H)) \$

188. I FMU6M = AM6NOV*FXOV + FILM6M + AM6NB6*FE6 \$

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208. G KFM30X = 1 + JRFM30X + JDFM30X/FML30X \$

KOEFFICIENTER FOR IMPORTLEVERANCER

- 209. G AMQA = (AMQA(-1)+JDAHQA)*KFMZ0 \$
210. G AMONF = (AMONF(-1)+JDAHONF)*KFMZ0 \$
211. G AMOOO = (AMOOO(-1)+JDAHOOO)*KFMZ0 \$
212. G AMOCF = (AMOCF(-1)+JDAHOCF)*KFMZ0 \$
213. G AMOCI = (AMOCI(-1)+JDAHOCCI)*KFMZ0 \$
214. G AMOIT = (AMOIT(-1)+JDAHOIT)*KFMZ0 \$
215. G AM1NN = (AM1NN(-1)+JDAH1NN)*KFMZ1 \$
216. G AM1QQ = (AM1QQ(-1)+JDAH1QQ)*KFMZ1 \$
217. G AM1CN = (AM1CN(-1)+JDAH1CN)*KFMZ1 \$
218. G AM1CI = (AM1CI(-1)+JDAH1CI)*KFMZ1 \$
219. G AM2NF = (AM2NF(-1)+JDAH2NF)*KFMZ2 \$
220. G AM2NB = (AM2NB(-1)+JDAH2NB)*KFMZ2 \$
221. G AM2NK = (AM2NK(-1)+JDAH2NK)*KFMZ2 \$
222. G AM2NQ = (AM2NQ(-1)+JDAH2NQ)*KFMZ2 \$
223. G AM2B = (AM2B(-1)+JDAH2B)*KFMZ2 \$
224. G AM2CI = (AM2CI(-1)+JDAH2CI)*KFMZ2 \$
225. G AM3KNE = (AM3KNE(-1)+JDAH3KNE)*KFMZ3 \$
226. G AM3QA = (AM3QA(-1)+JDAH3QA)*KFM30X*KFMZ30 \$
227. G AM3QNF = (AM3QNF(-1)+JDAH3QNF)*KFM30X*KFMZ30 \$
228. G AM3QNN = (AM3QNN(-1)+JDAH3QNN)*KFM30X*KFMZ30 \$
229. G AM3QNB = (AM3QNB(-1)+JDAH3QNB)*KFM30X*KFMZ30 \$
230. G AM3QNH = (AM3QNH(-1)+JDAH3QNH)*KFM30X*KFMZ30 \$
231. G AM3QNT = (AM3QNT(-1)+JDAH3QNT)*KFM30X*KFMZ30 \$
232. G AM3QNK = (AM3QNK(-1)+JDAH3QNK)*KFM30X*KFMZ30 \$
233. G AM3QNG = (AM3QNG(-1)+JDAH3QNG)*KFM30X*KFMZ30 \$
234. G AM3QB = (AM3QB(-1)+JDAH3QB)*KFM30X*KFMZ30 \$
235. G AM3QOH = (AM3QOH(-1)+JDAH3QOH)*KFM30X*KFMZ30 \$
236. G AM3QOS = (AM3QOS(-1)+JDAH3QOS)*KFM30X*KFMZ30 \$
237. G AM3QOT = (AM3QOT(-1)+JDAH3QOT)*KFM30X*KFMZ30 \$
238. G AM3QOF = (AM3QOF(-1)+JDAH3QOF)*KFM30X*KFMZ30 \$
239. G AM3QOQ = (AM3QOQ(-1)+JDAH3QOQ)*KFM30X*KFMZ30 \$
240. G AM3QH = (AM3QH(-1)+JDAH3QH)*KFM30X*KFMZ30 \$
241. G AM3QCI = (AM3QCI(-1)+JDAH3QCI)*KFMZ30 \$
242. G AM3QCE = (AM3QCE(-1)+JDAH3QCE)*KFMZ30 \$
243. G AM3QCG = (AM3QCG(-1)+JDAH3QCG)*KFMZ30 \$
244. G AM5A = (AM5A(-1)+JDAH5A)*KFMZ5 \$
245. G AM5NG = (AM5NG(-1)+JDAH5NG)*KFMZ5 \$
246. G AM5NM = (AM5NM(-1)+JDAH5NM)*KFMZ5 \$
247. G AM5NK = (AM5NK(-1)+JDAH5NK)*KFMZ5 \$
248. G AM5NQ = (AM5NQ(-1)+JDAH5NQ)*KFMZ5 \$
249. G AM5B = (AM5B(-1)+JDAH5B)*KFMZ5 \$
250. G AM5CI = (AM5CI(-1)+JDAH5CI)*KFMZ5 \$
251. G AM6HNF = (AM6HNF(-1)+JDAH6HNF)*KFMZ6 \$
252. G AM6MNB = (AM6MNB(-1)+JDAH6MNB)*KFMZ6 \$
253. G AM6MNH = (AM6MNH(-1)+JDAH6MNH)*KFMZ6 \$
254. G AM6MNT = (AM6MNT(-1)+JDAH6MNT)*KFMZ6 \$
255. G AM6MB = (AM6MB(-1)+JDAH6MB)*KFMZ6 \$
256. G AM6MVC = (AM6MVC(-1)+JDAH6MVC)*KFMZ6 \$
257. G AM6MIM = (AM6MIM(-1)+JDAH6MIM)*KFMZ6 \$
258. G AM6QNF = (AM6QNF(-1)+JDAH6QNF)*KFMZ6 \$
259. G AM6QNN = (AM6QNN(-1)+JDAH6QNN)*KFMZ6 \$
260. G AM6QNB = (AM6QNB(-1)+JDAH6QNB)*KFMZ6 \$

182. I PMU7Q = AM7Q5*FXE + AM7QOV*FXOV + FILM7Q + AN7Q57Q*FE7Q \$

183. I FM7Q = FMZ7Q + FMU7Q \$

184. I FML8 = (AM8NH(-1)+JDAH8NH)*FXNH + (AM8NQ(-1)+JDAH8NQ)*FXNQ + (AM8B(-1)+JDAH8B)*FXB + (AM8H(-1)+JDAH8H)*FXH + (AM8CI(-1)+JDAH8CI)*FCI + (AM8CV(-1)+JDAH8CV)*FCV + (AM8IM(-1)+JDAH8IM)*FIM \$

185. I FML8E = FMZ8(-1) + (AM8NH(-1)+JDAH8NH)*FXNH(-1)*RFXNNE + (AM8NQ(-1)+JDAH8NQ)*FXNQ(-1)*RFXNQE + (AM8B(-1)+JDAH8B)*FXB(-1)*RFXBE + (AM8H(-1)+JDAH8H)*FXH(-1)*RFXHE + (AM8CI(-1)+JDAH8CI)*FCI(-1)*RFXCIE + (AM8CV(-1)+JDAH8CV)*FCV(-1)*RFXCVE + (AM8IM(-1)+JDAH8IM)*FIM(-1)*RFXIME \$

186. I FXH8 = (FM8+FM8)/(0.25*FXNH+0.20*FXNH+0.55*FXNQ) \$

187. S FMZ8 = JDFMZ8 + DXH8 *FMZ8 (-1) + (1-DXH8)*FML8 * (0.75*FXH8(-2))**(-2.216*(1-DML8)) * (FML8/FML8E)**(0.478*(1-DML8)) \$

188. I FMU8 = AM8OV*FXOV + FILM8 + AM8EB*FE8 \$

189. I FM8 = FMZ8 + FMU8 \$

190. I FVU = FMO + FM1 + FM2 + FM3R + FM3K + FM3Q + FM5 + FM6M + FM6Q + FM7B + FM7Y + FM7Q + FM8 + FM8 + AM8OV*FXE + AM8B*FXB + AM8QS*FXQS + AM8QF*FXQF + AM8OV*FXOV + AM8IR*FIM \$

191. I FMS = FCT \$

192. I FMT = FMV + FMS + FMT \$

193. I FM = FMV + FMS + FMT \$

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194. G KFMZ0 = FMZ0 / FML0 \$

195. G KFMZ1 = FMZ1 / FML1 \$

196. G KFMZ2 = FMZ2 / FML2 \$

197. G KFMZ3K = (1-DXK3K) + (DXK3K*AM3KNE(-1)*FXNE(-1) + JDFM3KNE) / ((AM3KNE(-1)+JDAH3KNE)*FXNE) \$

198. G KFMZ3R = (1-DXK3R) + (DXK3R*AM3RNG(-1)*FXNG(-1) + JDFM3RNG) / ((AM3RNG(-1)+JDAH3RNG)*FXNG) \$

199. G KFMZ3Q = FMZ3Q/FML3Q \$

200. G KFMZ5 = FMZ5 / FML5 \$

201. G KFMZ6M = FMZ6M/FML6M \$

202. G KFMZ6Q = FMZ6Q/FML6Q \$

203. G KFMZ7B = (1-DXK7B) + (DXK7B*AM7BIM(-1)*FIM(-1) + JDFM7BIM) / ((AM7BIM(-1)+JDAH7BIM)*FIM) \$

204. G KFMZ7Y = (1-DXK7Y) + (DXK7Y*AM7YIM(-1)*FIM(-1) + JDFM7YIM) / ((AM7YIM(-1)+JDAH7YIM)*FIM) \$

205. G KFMZ7Q = FMZ7Q/FML7Q \$

206. G KFMZ8 = FMZ8 / FML8 \$

207. G KFMZS = (1-DXMS) + (DXMS*AM5QS(-1)*FXQS(-1) + JDFM5QS) / ((AM5QS(-1)+JDAH5QS)*FXQS) \$

261. G AM6QNK = (AM6QNK(-1)+JDAM6QNH)*KFMZ6Q \$
262. G AM6QNT = (AM6QNT(-1)+JDAM6QNT)*KFMZ6Q \$
263. G AM6QNK = (AM6QNK(-1)+JDAM6QNK)*KFMZ6Q \$
264. G AM6QNH = (AM6QNH(-1)+JDAM6QNH)*KFMZ6Q \$
265. G AM6QB = (AM6QB(-1)+JDAM6QB)*KFMZ6Q \$
266. G AM6QOH = (AM6QOH(-1)+JDAM6QOH)*KFMZ6Q \$
267. G AM6QCI = (AM6QCI(-1)+JDAM6QCI)*KFMZ6Q \$
268. G AM6QCV = (AM6QCV(-1)+JDAM6QCV)*KFMZ6Q \$
269. G AM6QCS = (AM6QCS(-1)+JDAM6QCS)*KFMZ6Q \$
270. G AM6QIM = (AM6QIM(-1)+JDAM6QIM)*KFMZ6Q \$
271. G AM7BIM = (AM7BIM(-1)+JDAM7BIM)*KFMZ7Q \$
272. G AM7IIM = (AM7IIM(-1)+JDAM7IIM)*KFMZ7Q \$
273. G AM7ONE = (AM7ONE(-1)+JDAM7ONE)*KFMZ7Q \$
274. G AM7ONM = (AM7ONM(-1)+JDAM7ONM)*KFMZ7Q \$
275. G AM7QNT = (AM7QNT(-1)+JDAM7QNT)*KFMZ7Q \$
276. G AM7QB = (AM7QB(-1)+JDAM7QB)*KFMZ7Q \$
277. G AM7QOT = (AM7QOT(-1)+JDAM7QOT)*KFMZ7Q \$
278. G AM7QOQ = (AM7QOQ(-1)+JDAM7QOQ)*KFMZ7Q \$
279. G AM7QCB = (AM7QCB(-1)+JDAM7QCB)*KFMZ7Q \$
280. G AM7QCV = (AM7QCV(-1)+JDAM7QCV)*KFMZ7Q \$
281. G AM7QIM = (AM7QIM(-1)+JDAM7QIM)*KFMZ7Q \$
282. G AM8NH = (AM8NH(-1)+JDAM8NH)*KFMZ8 \$
283. G AM8NQ = (AM8NQ(-1)+JDAM8NQ)*KFMZ8 \$
284. G AM8B = (AM8B(-1)+JDAM8B)*KFMZ8 \$
285. G AM8H = (AM8H(-1)+JDAM8H)*KFMZ8 \$
286. G AM8CI = (AM8CI(-1)+JDAM8CI)*KFMZ8 \$
287. G AM8CV = (AM8CV(-1)+JDAM8CV)*KFMZ8 \$
288. G AM8IM = (AM8IM(-1)+JDAM8IM)*KFMZ8 \$
289. G AM8QS = (AM8QS(-1)+JDAM8QS)*KFMZ8 \$
302. G ANGB = (ANGB(-1)+JDANGB)
303. G ANGOH = (ANGOH(-1)+JDANGOH) \$
304. G ANGOS = (ANGOS(-1)+JDANGOS) \$
305. G ANGOT = (ANGOT(-1)+JDANGOT) \$
306. G ANGOF = (ANGOF(-1)+JDANGOF) \$
307. G ANGOQ = (ANGOO(-1)+JDANGOO) \$
308. G ANGH = (ANGH(-1)+JDANGH) \$
309. G ANGCE = (ANGCE(-1)+JDANGCE) - (AM3QCE-AM3QCE(-1)+JDAM3QCE) \$
310. G ANGG = (ANGCG(-1)+JDANGCG) - (AM3QCG-AM3QCG(-1)+JDAM3QCG) \$
311. G ANFA = (ANFA(-1)+JDANFA) - (AMOA-AMOA(-1)+JDAMO) \$
312. G ANFNF = (ANFNF(-1)+JDANFNF)
313. G ANFOQ = -0.4*(AMONF-AMONF(-1)+JDANONF)
314. G ANFCF = -0.4*(AM2NF-AM2NF(-1)+JDAM2NF) \$
315. G ANNNN = (ANNN(-1)+JDANNN) - (AM1NN-AM1NN(-1)+JDAM1NN) \$
316. G ANNOQ = (ANNOQ(-1)+JDANNOQ) - (AM1OQ-AM1OQ(-1)+JDAM1OQ) \$
317. G ANNCN = (ANNCN(-1)+JDANNCN) - (AM1CN-AM1CN(-1)+JDAM1CN) \$
318. G ANBNB = (ANBNB(-1)+JDANBNB) - (AM2NB-AM2NB(-1)+JDAM2NB)
319. G ANBB = (ANBB(-1)+JDANBB) - (AM2B-AM2B(-1)+JDAM2B) \$
320. G ANMNF = (ANMNF(-1)+JDANMNF) - (AM6MNF-AM6MNF(-1)+JDAM6MNF) \$
321. G ANMNG = (ANMNG(-1)+JDANMNG) - (AM5NG-AM5NG(-1)+JDAM5NG) \$
322. G ANMNH = (ANMNH(-1)+JDANMNH) - (AM7QNH-AM7QNH(-1)+JDAM7QNH)
323. G ANMNT = (ANMNT(-1)+JDANMNT) - (AM6MNT-AM6MNT(-1)+JDAM6MNT) -0.5*(AM7QNT-AM7QNT(-1)+JDAM7QNT) \$
324. G ANMB = (ANMB(-1)+JDANMB) - (AM6MB-AM6MB(-1)+JDAM6MB) -0.5*(AM8B-AM8B(-1)+JDAM8B) \$
325. G ANMCV = (ANMCV(-1)+JDANMCV) - (AM6MCV-AM6MCV(-1)+JDAM6CV) -0.3*(AM7QCV-AM7QCV(-1)+JDAM7QCV) \$
326. G ANMIN = (ANMIN(-1)+JDANMIN) - (AM6MIN-AM6MIN(-1)+JDAM6MIN) -0.75*(AM8IIM-AM8IIM(-1)+JDAM8IIM) \$
327. G ANMNT = (ANMNT(-1)+JDAMNT) - (AM6QNT-AM6QNT(-1)+JDAM6QNT) -0.4*(AM7QNT-AM7QNT(-1)+JDAM7QNT) \$
328. G ANMOS = (ANMOS(-1)+JDAMMOS) - (AM5OS-AM5OS(-1)+JDAM5OS) \$
290. G ANNF = (ANNF(-1)+JDAANF)
291. G ANCF = -0.5*(AM2NF-AM2NF(-1)+JDAM2NF) \$
292. G RACI = (RACI(-1)+JDAACI)
293. G RAIT = (RAIT(-1)+JDAAIT) - (AM0IIT-AM0IIT(-1)+JDAM0IIT) \$
294. G ANGA = (ANGA(-1)+JDANGA)
295. G ANGNF = (ANGNF(-1)+JDANGNF)
296. G ANGN = (ANGN(-1)+JDANGN)
297. G ANGNB = (ANGNB(-1)+JDANGNB) - (AM3QNB-AM3QNB(-1)+JDAM3QNB) \$
298. G ANGNH = (ANGNH(-1)+JDANGNH)
299. G ANGNT = (ANGNT(-1)+JDANGNT) - (AM3QNT-AM3QNT(-1)+JDAM3QNT) \$
300. G ANGNK = (ANGNK(-1)+JDANGNK)
301. G ANGNQ = (ANGNQ(-1)+JDANGNQ) - (AM3QNQ-AM3QNQ(-1)+JDAM3QNQ) \$

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329. G ANTCB	= (ANTCB(-1)+JDANTCB) - (ANTQCB(-1)+JDANTQCB)) \$
330. G ANTIM	= (ANTIM(-1)+JDANTIM) - (ANT7BIM(-1)+JDANT7BIM)) \$
331. G ANKA	= (ANKA(-1)+JDANKA) - (AM5A(-1)+JDAM5A)) \$
332. G ANKNN	= (ANKNH(-1)+JDANKNH) - (AM5NM(-1)+JDAM5NM)) \$
333. G ANKNK	= (ANKNK(-1)+JDANKNK) - (AM2NK(-1)+JDAM2NK)) \$
334. G ANKB	= (ANKB(-1)+JDANKB) - (AM5B(-1)+JDAM5B)) \$
335. G ANKCI	= (ANKCI(-1)+JDANKCI) - (AM5CI(-1)+JDAM5CI)) \$
336. G ANKCV	= (ANKCV(-1)+JDANKCV) - (AM8CV(-1)+JDAM8CV)) \$
337. G ANQNF	= (ANQNF(-1)+JDANQNF) - (AM6QNF(-1)+JDAM6QNF)) \$
338. G ANQNN	= (ANQNN(-1)+JDANQNN) - (AM6QNN(-1)+JDAM6QNN)) \$
339. G ANQNK	= (ANQNK(-1)+JDANQNK) - (AM6QNK(-1)+JDAM6QNK)) \$
340. G ANQNG	= (ANQNG(-1)+JDANQNG) - (AM2NG(-1)+JDAM2NG)) \$
341. G ANQOH	= (ANQOH(-1)+JDANQOH) - (AM6QOH(-1)+JDAM6QOH)) \$
342. G ANQOO	= (ANQOO(-1)+JDANQOO) - (AM7QOO(-1)+JDAM7QOO)) \$
343. G ANQOI	= (ANQOI(-1)+JDANOI) - (AM6QOI(-1)+JDAM6QOI)) \$
344. G ANQCV	= (ANQCV(-1)+JDANQCV) - (AM6QCV(-1)+JDAM6QCV)) \$
345. G ANQCS	= (ANQCS(-1)+JDANQCS) - (AM6QCS(-1)+JDAM6QCS)) \$
346. G ANQIM	= (ANQIM(-1)+JDANOIM) - (AM6QIM(-1)+JDAM6QIM)) \$
347. G ABNE	= (ABNE(-1)+JDABNE) - (AM7QNE(-1)+JDAM7QNE)) \$
348. G ABH	= (ABH(-1)+JDABH) - (AM8H(-1)+JDAM8H)) \$
349. G AQTQT	= (AQTQT(-1)+JDATQT) - (AM7QTT(-1)+JDAM7QTT)) \$
SERBEHANDLEDE SAMMENBINDINGSKOEFFICIENTER	
350. G ANNE	= FNNE/FXE \$
351. G ANTE	= FNTE/FXE \$
352. G AOOE	= FOOE/FXE \$
353. G AN7QE	= FN7QE/FXE \$
354. G ANSE	= FNSE/FXE \$
355. G AYPE	= FYPE/FXE \$
356. G AENG	= (BENG*FXE)/FXNG \$
357. G AENE	= (BENE*FXE)/FXNE \$
358. G AEE3	= ((1-BENG-BENE-BEIL)*FXE-AEOV*FXOV-AECE*FCE)/FEE3 \$
359. G ANGE3	= 1-AEE3 - ANEE3-AQEE3-AM3KE3-AM3QE3 \$
360. G AM3RNG	= DXM3R*(AM3RNG(-1)+JDAM3RNG)*KFMZ3R + (1-DXM3R)* ((AM3RNG(-1)+JDAM3RNG)-(AENG - AENG(-1)) -(AM3ONG - AM3ONG(-1))) \$
361. G AM3ONE	= (AM3ONE(-1)+JDAM3ONE)-(AENE - AENE(-1)) -(AM3KNE - (AM3KNE(-1)+JDAM3KNE)) \$
362. G AQHIM	= 1-ANBIN-ANMIY-ANTIM-ANKIM-ANQIM-AOQIM -ANGMIN-AMGOIM-AM7BIM-AM7YIM-AM7QIM-AM8IM -ANSIN-ASVIM \$
363. G AOCS	= AOCS(-1)*(FCS(-1)/FCS)*(FYFO/FYFO(-1)) + JDAOCS \$
364. G AOQCS	= 1-AMQCS-AQHCS-AQTCS-AQFCS-AOCS-AM6QCS-ASVCS\$
PRODUKTIONSVERDIER I FASTE PRISER	
365. I FXA	= AAA*FXA + AANF*FXNF + AANN*FXNN + AAOV*FXOV + AACF*FCF + AACI*FCI + AAIT*FIT + FIILA + AAEO*FEO + AAEE*FE2 \$
366. I FXNG	= ANGA*FXA + ANGG*FXNG + ANGNE*FXNE + ANGNF*FXNF + ANGNT*FXNT + ANGN*FXNN + ANGNB*FXNB + ANGNM*FXNM + ANGNK*FXNK + ANGNQ*FXNQ + ANGS*FXB + ANGOH*FXOH + ANGOS*FXOS + ANGOT*FXOT + ANGOF*FXOF + ANGOO*FXOO + ANGH*FXH + ANGOV*FXOV + ANGCE*FCE + ANCG*FCG + ANGL + ANGE3*FE3 \$
367. I FXNE	= ANEA*FXA + ANENG*FXNG + ANENE*FXNE + ANENF*FXNF + ANENT*FXNT + ANENN*FXNN + ANENB*FXNB + ANENM*FXNM + ANENK*FXNK + ANENO*FXNO + ANEB*FXB + ANEOH*FXOH + ANEQS*FXQS + ANEQT*FXQT + ANEQF*FXQF + ANEQO*FXQO + ANEH*FXH + ANEOV*FXOV + ANECE*FCE + ANE3*FE3 \$
368. I FXNF	= ANFA*FXA + ANFNF*FXNF + ANFOO*FXOO + ANFOV*FXOV + ANFCF*FCF + ANFLNF + ANFEO*FEO + ANFE2*FE2 \$
369. I FXNN	= ANNN*FXNN + ANNOO*FXOO + ANNOV*FXOV + ANNCH*FCN + ANNEO*FEO + ANNEI*FE1 \$
370. I FXNB	= ANNB*FXNB + ANBB*FXB + ANBOV*FXOV + ANBCV*FCV + ANBIN*FIN + ANBE2*FE2 + ANBE6*FE6 \$
371. I FXNH	= ANNA*FXA + ANNE + ANNG*FXNG + ANNN*FXNF + ANNN*FXNN + ANNM*FXNH + ANNT*FXNT + ANNB*FXB + ANNOV*FXOV + ANNCV*FCV + ANNIN*FIN + ANNLN + ANNE6*FE6 + ANNE7Q*FE7Q + ANNE8*FE8 \$
372. I FXNT	= ANTA*FXA + ANTE + ANNT*FXNT + ANTO8*FXO8 + ANTOO*FXOO + ANTOV*FXOV + ANTCB*FCB + ANTCV*FCV + ANTIH*FIN + ANTLN + ANTE7Y*FE7Y + ANTE7Q*FE7Q + ANTES*FE8 \$

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373. I FXNK	= ANKA*FXA + ANKNH*FXNM + ANKNK*FXNK + ANKB*FXB + ANKOV*FXOV	
	+ ANKCI*FCI + ANKCV*FCV	
	+ ANKLM*FLM + FILNK + ANKES*FES + ANKE6*FEB	
	+ ANKES*FEB \$	
374. I FXHQ	= ANQF*FXNF + ANQNH*FXNN + ANQKH*FXNK + ANQOQ*FXNQ + ANQOH*FXQH + ANQOO*FXOO + ANQOV*FXOV	
	+ ANQOF*FXOF + ANQCI*FCI + ANQCV*FCV + ANQCS*FCS	
	+ ANOIM*FLM + FILNQ + ANQEZ*FE2 + ANQEB*FEB	
	+ ANQEB*FEB \$	
375. I FXN	= FXNG*FXHE+FXNH+FXNN+FXNB+FXNM+FXNT+FXNK+FXNO \$	
376. I FXB	= ABNE*FXNE + ABQH*FXQH + ABQT*FXQT + ABH*FXH + ABQV*FXQV	
377. I FXQH	= ABIB*FIB + FILB \$ + AQA*FXA + AQHNE*FXNF + AQHNB*FXNB + AQHNN*FXNN + AQHNT*FXNT	
	+ AQHQ*FXHQ + AQHB*FXB + AQHQO*FXQO + AQHOV*FXOV	
	+ AQHCF*FCF + AQHCH*FCN + AQHCI*FCI + AQHCE*FCE	
	+ AQHCG*FCG + AQHCB*FCB + AQHCV*FCV + AQHCS*FCS	
	+ AQHIN*FLM + FILOH + AQHEO*FEO + AQHES*FES	
	+ AQHEB*FEB + AQHE7O*FE7O + AQHEB*FEB + AQHES*FES + AQHEZ*FE2 + AQHE3*FE3 + AQHE1*FE1 \$	
378. I FXQS	= AQSO*FXOT + AQSOV*FXOV	
	+ AQSE*FES \$	
379. I FXQT	= AQTN*FXNG + AQTN*FXNF + AQTN*FXNK + AQTN*FXNN + AQTN*FXNB + AQTN*FXNH + AQTN*FXQH + AQTN*FXQH + AQTB*FXB + AQTS*FXOS + AQTO*FXOT + AQTOO*FXOO	
	+ AQTOV*FXOV + AQTOO*FXOO	
	+ AQTK*FKK + AQTKS*FCS \$	
	+ AQTES*FES \$	
380. I FXQF	= AQFOH*FXOH + AQFOV*FXOV - FVFOI	
	+ AQFCS*FCS + AQFES*FES \$	
381. I FXQO	= AQRA*FXA + FQOE + AQONE*FXNE + AQONT*FXNF + AQONH*FXNH + AQONT*FXNT + AQONO*FXNO + AQOB*FXB + AQOQH*FXQH + AQOQS*FXQS + AQOQT*FXQT + AQOQF*FXQF + AQOQO*FXQO + AQOOV*FXOV + AQOQ*FXH + AQOCH*FCH + AQOCS*FCS	
382. I FXH	= AQOIH*FLH + AQOIB*FIB + FILOO + AQOES*FES \$ + AQOV*FXOV + ARCH*FCH \$	
OFFENTLIG SEKTOR		
383. G FYFO	= KLHO*QO*(1 - BQO/2) + FIOV + FYROD \$	
384. I YFO	= YMO + FIOV*FIOV + FYOD \$	
385. G FXOV	= FXOV*(-1)*(FYFO/FYFO*(-1))*(1 + JRPXOV) + JYFOV \$	
386. I FXO	= FYFO + FXOV + FSIQO \$	
387. I XO	= YFO + FXOV*FXOV + SIQO \$	
388. I PXO	= (XO - CD)/(FXO - FCD) \$	
389. I FCO	= FXO - ACOF*FXQT - AOQF*FXQF - ACOV*FXOV - ACOH*FCH - ACOCS*FCS - ACOES*FES - FCD \$	
390. G CO	= XO - (AOQF*FXQT + AOQF*FXQF + ACOV*FXOV + ACOES*FES)*PXO - ACOH*FCH*FXH - ACOCS*FCS*FXO - KPXOCS - CD \$	
391. I PCO	= CO/FCO \$	
392. S QNEA	= QNEA(-1)*(EXP(-.075739)*(FXNE/FXNE(-1))**4.7084 *(FXNE(-1)/FXNE(-2))***(1-.47084)) *((HHNN*(1-BQNEA/2))/(HHNN(-1))*(1-BQNEA(-1)/2)))	
393. S QNEF	= QNEF(-1)*(EXP(-.038940)*(FXNE/FXNE(-1))**4.9004 *(FXNE(-1)/FXNE(-2))***(1-.49004)) *((HHNN*(1-BQNEF/2))/(HHNN(-1))*(1-BQNEF(-1)/2)))	
394. S QNFA	= QNFA(-1)*(EXP(-.038025)*(FXNF/FXNF(-1))**7.5507 *(FXNF(-1)/FXNF(-2))***(1-.75507)) *((HHNN*(1-BQNFA/2))/(HHNN(-1))*(1-BQNFA(-1)/2)))	
395. S QNEF	= QNEF(-1)*(EXP(-.024483)*(FXNF/FXNF(-1))**5.6289 *(FXNF(-1)/FXNF(-2))***(1-.56289)) *((HHNN*(1-BQNEF/2))/(HHNN(-1))*(1-BQNEF(-1)/2)))	
396. S QNNA	= QNNA(-1)*(EXP(-.050759)*(FXNN/FXNN(-1))**2.3831 *(FXNN(-1)/FXNN(-2))***(1-.23831)) *((HHNN*(1-BQNNA/2))/(HHNN(-1))*(1-BQNNA(-1)/2)))	
397. S QNNF	= QNNF(-1)*(EXP(-.033947)*(FXNN/FXNN(-1))**4.43521 *(FXNN(-1)/FXNN(-2))***(1-.43521)) *((HHNN*(1-BQNNF/2))/(HHNN(-1))*(1-BQNNF(-1)/2)))	
398. S QNEA	= QNEA(-1)*(EXP(-.062004)*(FXNB/FXNB(-1))**6.3791 *(FXNB(-1)/FXNB(-2))***(1-.63791)) *((HHNN*(1-BQNEA/2))/(HHNN(-1))*(1-BQNEA(-1)/2)))	
399. S QNEF	= QNEF(-1)*(EXP(-.029376)*(FXNB/FXNB(-1))**3.6607 *(FXNB(-1)/FXNB(-2))***(1-.36607)) *((HHNN*(1-BQNEF/2))/(HHNN(-1))*(1-BQNEF(-1)/2)))	
400. S QNNA	= QNNA(-1)*(EXP(-.054051)*(FXNH/FXNH(-1))**8.9203 *(FXNH(-1)/FXNH(-2))***(1-.89203)) *((HHNN*(1-BQNNA/2))/(HHNN(-1))*(1-BQNNA(-1)/2)))	
401. S QNNF	= QNNF(-1)*(EXP(-.027364)*(FXNH/FXNH(-1))**6.3479 *(FXNH(-1)/FXNH(-2))***(1-.63479)) *((HHNN*(1-BQNNF/2))/(HHNN(-1))*(1-BQNNF(-1)/2)))	
402. S QNFA	= QNFA(-1)*(EXP(-.034441)*(FXNT/FXNT(-1))**5.8175 *(FXNT(-1)/FXNT(-2))***(1-.58175)) *((HHNN*(1-BQNTA/2))/(HHNN(-1))*(1-BQNTA(-1)/2)))	
403. S QNTF	= QNTF(-1)*(EXP(-.015372)*(FXNT/FXNT(-1))**5.3361 *(FXNT(-1)/FXNT(-2))***(1-.53361)) *((HHNN*(1-BQNTF/2))/(HHNN(-1))*(1-BQNTF(-1)/2)))	
404. S QNKA	= QNKA(-1)*(EXP(-.074332)*(FXNK/FXNK(-1))**8.0042 *(FXNK(-1)/FXNK(-2))***(1-.80042)) *((HHNN*(1-BQNK/2))/(HHNN(-1))*(1-BQNK(-1)/2)))	
405. S QNKF	= QNKF(-1)*(EXP(-.045886)*(FXNK/FXNK(-1))**5.3780 *(FXNK(-1)/FXNK(-2))***(1-.53780)) *((HHNN*(1-BQNK/2))/(HHNN(-1))*(1-BQNK(-1)/2)))	

442. I VLNN = 0.001*1.3013*(LNK*(0.5*QNNNA*HGN/FXNN + 0.3*QNNNA(-1)*HGN(-1)/FXNN(-1) + 0.2*QNNNA(-2)*HGN(-2)/FXNN(-2)) + LNFK*((0.5*QNNF*(1-BQNF/2) + HA/FXNN)+(0.3*QNNF(-1)*(1-BQNF(-1)/2)*HA(-1)/FXNN(-1))+(0.2*QNNF(-2)*(1-BQNF(-2)/2)*HA(-2)/FXNN(-2)))/(HA*(1-BQNF/2))\$

443. S FXNN = FXNN(-1) + 0.75*PWPNN - 0.5*PWPNN(-1) - 0.25*PWPNN(-2) + 1.1097*(VLNN - VLNN(-1)) + JDPFXNN \$

444. I PWPNN = XNKNB/FXNN \$

445. I VLNB = 0.001*0.9299*LNK*(0.8*QNBNA*HGN/FXNB+0.2*QNBNA(-1)*HGN(-1)/FXNB(-1)) \$

446. S FXNB = FXNB(-1) + 0.75*PWPNB - 0.5*PWPNB(-1) - 0.25*PWPNB(-2) + 1.7663*(VLNB - VLNB(-1)) + JDPFXNB \$

447. I PWPNB = XNKNB/FXNB \$

448. I VLNN = 0.001*0.9284*(LNK*(0.5*QNNNA*HGN/FXNN + 0.3*QNNNA(-1)*HGN(-1)/FXNN(-1) + 0.2*QNNNA(-2)*HGN(-2)/FXNN(-2)) + LNFK*((0.5*QNNF*(1-BQNF/2) + HA/FXNN)+(0.3*QNNF(-1)*(1-BQNF(-1)/2)*HA(-1)/FXNN(-1))+(0.2*QNNF(-2)*(1-BQNF(-2)/2)*HA(-2)/FXNN(-2)))/(HA*(1-BQNF/2))\$

449. S FXNN = FXNN(-1) + 1.1087*(VLNN - VLNN(-1) + 0.75*PWPNN - 0.5*PWPNN(-1) - 0.25*PWPNN(-2)) + JDPFXNN \$

450. I PWPNT = XNKNB/FXNN \$

451. I VLNT = 0.001*1.0654*(LNK*(0.5*QNTA*HGN/FXNT + 0.3*QNTA(-1)*HGN(-1)/FXNT(-1) + 0.2*QNTA(-2)*HGN(-2)/FXNT(-2)) + LNFK*((0.5*QNTF*(1-BQNT/2) + HA/FXNT)+(0.3*QNTF(-1)*(1-BQNT(-1)/2)*HA(-1)/FXNT(-1))+(0.2*QNTF(-2)*(1-BQNT(-2)/2)*HA(-2)/FXNT(-2)))/(HA*(1-BQNT/2))\$

452. S FXNT = FXNT(-1) + 0.9439*(VLNT - VLNT(-1) + 0.75*PWPNT - 0.5*PWPNT(-1) - 0.25*PWPNT(-2)) + JDPFXNT \$

453. I PFPNK = XNKNB/FXNN \$

454. I VLNK = 0.001*0.9180*(LNK*(0.5*QNKNA*HGN/FXNK + 0.3*QNKNA(-1)*HGN(-1)/FXNK(-1) + 0.2*QNKNA(-2)*HGN(-2)/FXNK(-2)) + LNFK*((0.5*QNKF*(1-BQNK/2) + HA/FXNK)+(0.3*QNKF(-1)*(1-BQNK(-1)/2)*HA(-1)/FXNK(-1))+(0.2*QNKF(-2)*(1-BQNK(-2)/2)*HA(-2)/FXNK(-2)))/(HA*(1-BQNK/2))\$

455. S FXNK = FXNK(-1) + 1.1402*(VLNK - VLNK(-1) + 0.75*PFPNK - 0.5*PFPNK(-1) - 0.25*PFPNK(-2)) + JDPFXNK \$

456. I PFPNQ = XNKNB/FXNN \$

457. I VLNQ = 0.001*1.3557*LNK*(0.5*QNKNA*HGN/FXNQ + 0.3*QNKNA(-1)*HGN(-1)/FXNQ(-1) + 0.2*QNKNA(-2)*HGN(-2)/FXNQ(-2)) + LNFK*((0.5*QNKF*(1-BQNK/2) + HA/FXNQ)+(0.3*QNKF(-1)*(1-BQNK(-1)/2)*HA(-1)/FXNQ(-1))+(0.2*QNKF(-2)*(1-BQNK(-2)/2)*HA(-2)/FXNQ(-2)))/(HA*(1-BQNK/2))\$

458. S FXNQ = FXNQ(-1) + 1.1566*(VLNQ - VLNQ(-1) + 0.75*PFPNQ - 0.5*PFPNQ(-1) - 0.25*PFPNQ(-2)) + JDPFXNQ \$

459. I FXN = (FXNG*FXNE + FXNB*FXNG + FXNK*FXNF + FXNQ*FXHQ + FXNN*FXNN + FXNT*FXNT)/(FXNE + FXNG + FXNF + FXNN + FXNB + FXNK + FXNQ + FXNN + FXNT)\$

460. I PFPB = XNKB/FXB \$

461. I VLB = 0.001*KBV*(LNK*(0.8*QBA*HGN/FXB + 0.2*QBA(-1)*HGN(-1)/FXB(-1)) + LNFK*((0.8*QBF*(1-BQBF/2)*HA/FXB)+(0.2*QBF(-1)*(1-BQBF(-1)/2)*HA(-1)/FXB(-1)))/(HA*(1-BQBF/2))\$

462. S PXB = PXB(-1) + 1.0408*(VLB - VLB(-1) + 0.75*PWPB - 0.5*PWPB(-1) - 0.25*PWPB(-2)) + JDPXNB \$

463. I PWPQH = XNKHQ/FXQH \$

464. I VLQH = 0.001*1.1929*LNK*(0.5*QOH*(1-BQOH/2)*HA/FXQH + 0.3*QOH(-1)*(1-BQOH(-1)/2)*HA(-1)/FXQH(-1) + 0.2*QOH(-2)*(1-BQOH(-2)/2)*HA(-2)/FXQH(-2))\$

465. S FXQH = FXQH(-1) + 1.4516*(VLQH - VLQH(-1) + 0.75*PWPQH - 0.5*PWPQH(-1) - 0.25*PWPQH(-2)) + JDPFXQH \$

466. G FXQS = (PES - (ANPES*PXNT+AQHES*PXQH+AQTES*PXQT + AQCES*PXQQ + AQFES*PXQF+ AQES*PXQ))/AQSES + JDPFXQS \$

467. I PWPQT = XNKHQ/FXQT \$

468. I VLQT = 0.001*1.0271*LNK*(0.5*QQT*(1-BQQT/2)*HA/FXQT + 0.3*QQT(-1)*(1-BQQT(-1)/2)*HA(-1)/FXQT(-1) + 0.2*QQT(-2)*(1-BQQT(-2)/2)*HA(-2)/FXQT(-2))\$

469. S PNXQT = PNXQT(-1) + 1.2275*(VLQT - VLQT(-1) + 0.75*PWPQT - 0.5*PWPQT(-1) - 0.25*PWPQT(-2)) + JDPNXQT \$

470. I PXQT = PNXQT + SIQOTO/FXQT \$

471. I PWPQF = XNKHQ/FXQF \$

472. I VLQF = 0.001*0.8961*LNK*(0.7*QQF*(1-BQQF/2)*HA/FXQF + 0.2*QQF(-1)*(1-BQQF(-1)/2)*HA(-1)/FXQF(-1) + 0.1*QQF(-2)*(1-BQQF(-2)/2)*HA(-2)/FXQF(-2)) / (HA*(1-BQNF/2))\$

473. S FXQF = FXQF(-1) + 1.0601*(VLQF - VLQF(-1) + 0.75*PWPQF - 0.5*PWPQF(-1) - 0.25*PWPQF(-2)) + JDPFXQF \$

474. I PWPQQ = XNKHQ/FXQQ \$

475. I VLQQ = 0.001*0.6546*LNK*(0.6*QOQ*(1-BQQQ/2)*HA/FXQQ + 0.2*QOQ(-1)*(1-BQQQ(-1)/2)*HA(-1)/FXQQ(-1)) / (HA*(1-BQNF/2))\$

476. S FXQQ = FXQQ(-1) + 1.4297*(VLQQ - VLQQ(-1) + 0.75*PWPQQ - 0.5*PWPQQ(-1) - 0.25*PWPQQ(-2)) + JDPFXQQ \$

477. I FXQ = (PXQF*FXQF + FXQH*FXQH + FXQT*FXQT + FXQS*FXQS + FXQQ*FXQQ)/(FXQF + FXQH + FXQT + FXQS + FXQQ) \$

478. G FXH = (XNKH + SIGH + YEH)/FXH \$

479. G PNXO1 = AAOV*PXA+AEOV*PXE+ANGOV*PXNG+ANEOV*PXNE +ANFOV*PXNF+ANNOV*PXNN+ANBOV*PXNB+ANNNOV*PXNN +ANKOV*PXNK+ANQOV*PXNQ+ANTOV*PXNT +ABOV*PXB+AQHOV*PXQH+AQSOV*PXQS+AQTOV*PXQT +AFOV*PXOF+AQOOV*PXOO+AHOV*PXH+AOOV*PXO \$

480. G PNXO2 = AMOOV*(PMO+TMO)+AM1OV*(PM1+TM1)+AM2OV*(PM2 +TM2) +AM3OV*(PM3+TM3)+AM3ROV*(PM3R+TM3R) +AM6OV*(PM6+TM6)+AM6QOV*(PM6Q+TM6Q)+AM7QOV*(PM7Q+TM7Q)+AM7BOV*(PM7B+TM7B) \$

481. G PNXOV = (PNXO1+PNXO2)*KPNXOV + JPNXOV \$

482. G FXOV = (1+FXGOV*TG)*(PNXOV+TPXOV)\$

483. G FYQI = FXQF*KPYQI+JPYQI\$

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484. G PNCF = (AACF*PXA+ANCF*PXNF+AQHCF*PXQH+ANOCF*(PMO+TMO)) * KPNCF+JPNCF \$

442. I VLNN = 0.001*1.3013*(LNK*(0.5*QNNNA*HGN/FXNN + 0.3*QNNNA(-1)*HGN(-1)/FXNN(-1) + 0.2*QNNNA(-2)*HGN(-2)/FXNN(-2)) + LNFK*((0.5*QNNF*(1-BQNF/2) + HA/FXNN)+(0.3*QNNF(-1)*(1-BQNF(-1)/2)*HA(-1)/FXNN(-1))+(0.2*QNNF(-2)*(1-BQNF(-2)/2)*HA(-2)/FXNN(-2)))/(HA*(1-BQNF/2))\$

443. S FXNN = FXNN(-1) + 0.75*PWPNN - 0.5*PWPNN(-1) - 0.25*PWPNN(-2) + 1.1097*(VLNN - VLNN(-1)) + JDPFXNN \$

444. I PWPNN = XNKNB/FXNN \$

445. I VLNB = 0.001*0.9299*LNK*(0.8*QNBNA*HGN/FXNB+0.2*QNBNA(-1)*HGN(-1)/FXNB(-1)) \$

446. S FXNB = FXNB(-1) + 0.75*PWPNB - 0.5*PWPNB(-1) - 0.25*PWPNB(-2) + 1.7663*(VLNB - VLNB(-1)) + JDPFXNB \$

447. I PWPNB = XNKNB/FXNB \$

448. I VLNN = 0.001*0.9284*(LNK*(0.5*QNNNA*HGN/FXNN + 0.3*QNNNA(-1)*HGN(-1)/FXNN(-1) + 0.2*QNNNA(-2)*HGN(-2)/FXNN(-2)) + LNFK*((0.5*QNNF*(1-BQNF/2) + HA/FXNN)+(0.3*QNNF(-1)*(1-BQNF(-1)/2)*HA(-1)/FXNN(-1))+(0.2*QNNF(-2)*(1-BQNF(-2)/2)*HA(-2)/FXNN(-2)))/(HA*(1-BQNF/2))\$

449. S FXNN = FXNN(-1) + 1.1087*(VLNN - VLNN(-1) + 0.75*PWPNN - 0.5*PWPNN(-1) - 0.25*PWPNN(-2)) + JDPFXNN \$

450. I PWPNT = XNKNB/FXNN \$

451. I VLNT = 0.001*1.0654*(LNK*(0.5*QNTA*HGN/FXNT + 0.3*QNTA(-1)*HGN(-1)/FXNT(-1) + 0.2*QNTA(-2)*HGN(-2)/FXNT(-2)) + LNFK*((0.5*QNTF*(1-BQNT/2) + HA/FXNT)+(0.3*QNTF(-1)*(1-BQNT(-1)/2)*HA(-1)/FXNT(-1))+(0.2*QNTF(-2)*(1-BQNT(-2)/2)*HA(-2)/FXNT(-2)))/(HA*(1-BQNT/2))\$

452. S FXNT = FXNT(-1) + 0.9439*(VLNT - VLNT(-1) + 0.75*PWPNT - 0.5*PWPNT(-1) - 0.25*PWPNT(-2)) + JDPFXNT \$

453. I PFPNK = XNKNB/FXNN \$

454. I VLNK = 0.001*0.9180*(LNK*(0.5*QNKNA*HGN/FXNK + 0.3*QNKNA(-1)*HGN(-1)/FXNK(-1) + 0.2*QNKNA(-2)*HGN(-2)/FXNK(-2)) + LNFK*((0.5*QNKF*(1-BQNK/2) + HA/FXNK)+(0.3*QNKF(-1)*(1-BQNK(-1)/2)*HA(-1)/FXNK(-1))+(0.2*QNKF(-2)*(1-BQNK(-2)/2)*HA(-2)/FXNK(-2)))/(HA*(1-BQNK/2))\$

455. S FXNK = FXNK(-1) + 1.1402*(VLNK - VLNK(-1) + 0.75*PFPNK - 0.5*PFPNK(-1) - 0.25*PFPNK(-2)) + JDPFXNK \$

456. I PFPNQ = XNKNB/FXNN \$

457. I VLNQ = 0.001*1.3557*LNK*(0.5*QNKNA*HGN/FXNQ + 0.3*QNKNA(-1)*HGN(-1)/FXNQ(-1) + 0.2*QNKNA(-2)*HGN(-2)/FXNQ(-2)) + LNFK*((0.5*QNKF*(1-BQNK/2) + HA/FXNQ)+(0.3*QNKF(-1)*(1-BQNK(-1)/2)*HA(-1)/FXNQ(-1))+(0.2*QNKF(-2)*(1-BQNK(-2)/2)*HA(-2)/FXNQ(-2)))/(HA*(1-BQNK/2))\$

458. S FXNQ = FXNQ(-1) + 1.1566*(VLNQ - VLNQ(-1) + 0.75*PFPNQ - 0.5*PFPNQ(-1) - 0.25*PFPNQ(-2)) + JDPFXNQ \$

459. I FXN = (FXNG*FXNE + FXNB*FXNG + FXNK*FXNF + FXNQ*FXHQ + FXNN*FXNN + FXNT*FXNT)/(FXNE + FXNG + FXNF + FXNN + FXNB + FXNK + FXNQ + FXNN + FXNT)\$

460. I PFPB = XNKB/FXB \$

461. I VLB = 0.001*KBV*(LNK*(0.8*QBA*HGN/FXB + 0.2*QBA(-1)*HGN(-1)/FXB(-1)) + LNFK*((0.8*QBF*(1-BQBF/2)*HA/FXB)+(0.2*QBF(-1)*(1-BQBF(-1)/2)*HA(-1)/FXB(-1)))/(HA*(1-BQBF/2))\$

485. G PNCN = (ANNCN*PXNH+AQHCN*PXQH+AM1CN*(PM1+TM1)) *
 KPNCH+JPNCN \$

486. G PNCI = (AACCI*PXA+ANKCI*PXNK+ANQCI*PXNO+AQHCI*PXQH
 +AMOCI*(PM0+TM0)+AM1CI*(PM1+TM1)+AM2CI*
 (PM2 +TM2)
 +AM3CI*(PM3Q+TM3Q)+AM5CI*(PM5+TM5)+AM6QCI*
 (PM6Q+TM6Q))

487. G PNCE = (AMBCI*(PM8 +TM8)) *KPCICI+JPNCI \$
 (AECB*PXE+ANGCB*PXNG+ANECE*PXNB+AOICE*PXQH
 +AM3QCE*(PM3Q+TM3Q) + AM3KCE*(PM3K+TM3K)
) *KPNCE+JPNCI \$

488. G PNCG = (ANGCG*PXNG+AQHCG*PXQH+AM3QCG*(PM3Q+TM3Q)) *
 KPNCG+JPNCG \$

489. G PNCEB = (ANTCB*PXNB+AQHCB*PXQH+AM7QCB*(PM7Q+TM7Q)
 + AM7BCB*(PM7B+TM7B)) * KPNCEB+JPNCB \$

490. G PNCV = (ANQCV*PXNV+AQHCV*PXQH+AM6QCV*(PM6Q+TM6Q)
 +AM6QCV*(PM6Q+TM6Q)+AM6CV*(PM6+TM6)+AM7YCV
 (PM7Y+TM7Y)+AM7QCV(PM7Q+TM7Q)) * KPNCV+JPNCV \$

491. G PNCH = (AQOCH*PXQH+AQHCH*PXNH+AOCH*PXO) *KPNCH+JPNC \$

492. G PNCK = (AQOCH*PXOS+AQOCH*PXOT) *KPNCK+JPNC \$

493. G PNCS = (ANQCS*PXNG+AQHCS*PXQH+AQHCS*PXQT+AQOCS*PXQF
 +AQOCS*PXQO+AQOCS*PXO+KPCOCS+AM6QCS*(PM6Q+TM6Q))
 *KPNCS+JPNC \$

494. I PCT = PNT \$

495. G PNIM = (ANBIN*PXNB+ANNIM*PXNH+ANTIN*PXNT+ANKIN*PXNK
 +AMOLM*PXNO+AOHIM*PXOH+AOIIM*PXOO
 +AM6QIM*(PM6Q+TM6Q)+AM6HIM*(PM6H+TM6H)+AM7QIM
 (PM7Q+TM7Q)+AM7BIM(PM7B+TM7B)+AM8IM*(PM8 +TM8)
 +AM8IM*(PM8 +TM8)) *KPNIM+JPNI \$

496. G PNIPM = PNM+KPNIPM \$

497. G PNION = PNM+KPNION \$

498. G PNIB = (ABIB*PXB+AQOIB*PXQO+ANSIB*(PM5+TM5)+AM6QIB
 *(PM6Q+TM6Q)) *KPNIB + JPNI \$

499. G PNIPB = PNIB+KPNIPB + JPNI \$

500. G PNIBH = PNIB+KPNIBH + JPNI \$

501. G PNIOB = PNIB+KPNIOB + JPNI \$

502. G PPOV = KPIOV*(.33*PIOM + .67*PIOB) \$

503. G PIT = (AAIT*PXA+AMOIT*(PM0+TM0)) *KPIIT \$

504. G PNIL = ((FILA*PXA+FILE*PXE+FILENG*PXNG
 +FILNE*PXNE+FILENF*PXNF+FILNA*PXNH+FILNB*PXNB
 +FILNM*PXNH+FILNT*PXNT+FILNK*PXNK+FILNQ*PXNQ
 +FILOH*PXOH+FILOQ*PXOQ
 +FILMO*(PM0+TM0)+FILM1*(PM1+TM1)+FILM2*(PM2+TM2)
 +FILM3*(PM3K+TM3K)+FILM3R*(PM3R+TM3R)
 +FILM3Q*(PM3Q+TM3Q)+FILM5*(PM5+TM5)+FILM6M
 (PM6M+TM6M)+FILM6Q(PM6Q+TM6Q)+FILM7B
 (PM7B+TM7B)+FILM7Q(PM7Q+TM7Q)+FILM8*(PM8 +TM8)
 +FILM7Y*(PM7Y+TM7Y)) /FIL) *KPNIL+JPNI \$

505. G PCF = (1+BTGF*TG) *(PNCI+TPF) \$

506. G PCN = (1+BTGN*TG) *(PNCN+TPN) \$

507. G PCI = (1+BTGI*TG) *(PNCI+TPI) \$

508. G PCE = (1+BTGE*TG) *(PNCI+TPE) \$

509. G PCG = (1+BTGG*TG) *(PNCG+TPG) \$

510. G PCB = (1+BTGB*TG) *(PNCB+TPB) *(1+TRB) \$

511. G PCV = (1+BTGV*TG) *(PNCV+TPV) \$

512. G PCH = (1+BTGH*TG) *(PNCB+TPH) \$

513. G PCK = (1+BTGK*TG) *(PNCB+TPK) \$

514. G PCS = (1+BTGS*TG) *(PNCB+TPS) \$

515. G PIPM = (1+BTGIPM*TG) *(PNIPM+TPIP) *(1+TRIP) \$

516. G PIOM = (1+BTGIOM*TG) *(PNIOM+TPIO) \$

517. G PIPB = (1+BTGIPB*TG) *(PNIPB+TPIB) \$

518. G PIH = (1+BTGIH*TG) *(PNIH+TPIH) \$

519. G PIOB = (1+BTGIOB*TG) *(PNIOB+TPIO) \$

520. G PII = (1+BTGII*TG) *(PNII+TPII) \$

521. G PNEO = (AAEO*PXA+ANFEO*PXNF+ANNEO*PXNH+AQHEO*PXQH
 +AMOREO*(PM0+TM0)) *KPNEO+JPNEO \$

522. I PEO = PNEO + SIPEO/PEO \$

523. G PE1 = (ANNE1*PXNH+AQHE1*PXQH+AM1E1*(PM1+TM1))
 *KPE1+JPPE1 \$

524. G PE2 = (AAE2*PXA+ANFE2*PXNF+ANBE2*PXNB+ANOE2*PXNO
 +AQHE2*PXQH+AM2E2*(PM2 +TM2)) *KPE2 +JPE2 \$

525. G PE3 = (AEE3*PXB+ANGE3*PXNG+ANEE3*PXNE+AQHE3*PXQH
 +AM3KE3*(PM3K+TM3K)+AM3QE3*(PM3Q+TM3Q))
 *KPE3+JPE3 \$

526. G PE5 = (ANKES*PXNK+AQHE5*PXQH+AM5E5*(PM5+TM5))
 *KPE5+JPE5 \$

527. G PE6 = (ANB56*PXNB+ANB66*PXNH+ANK66*PXNK+ANQB6*PXNQ
 +AQHE6*PXQH+AM6E6*(PM6M+TM6M)
 +AM6QB6*(PM6Q+TM6Q)) *KPE6+JPE6 \$

528. G PE7Q = (ANME7Q*PXNH+ANTE7Q*PXNT+AQHE7Q*PXQH
 +AM7QE7Q*(PM7Q+TM7Q)+ AN7BE7Q*(PM7B+TM7B))
 *KPE7Q+JPE7Q \$

529. G PE8 = (ANMES*PXNH+ANKES*PXNK+AMQE8*PXNQ+AQHE8*PXQH
 +AM8E8*(PM8 +TM8)) *KPE8 +JPE8 \$

530. G PNE7Y = (ANTE7Y*PXNT+AM7YE7Y*(PM7Y+TM7Y))
 *KPNET7Y+JPNET7Y \$

531. I PE7Y = PNE7Y + SIPE7Y/FE7Y \$

532. G PET = (0.25*PCF+0.14*PCN+0.05*PCI+0.06*PCG
 +0.05*PCV+0.07*PCK+0.38*PCS) *KPEIT+JPET \$

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533. I PCPB = (WPNCB*PNCB + WPNCE*PNCE + WPNCF*PNCF
 + WPNGG*PNCG + WPXCH*PNCH + WPNCI*PNCI
 + WPXCK*PNCK + WPXCN*PNCN + WPXCS*PNCS
 + WPCT*PCT + WPXCV*PNCV) *KPCPB \$

534. G PCREG = PCPB+KPCREG*(PCREG(-1)/(PCPB(-1)+KPCREG(-1)))
 + JPCREG \$

535. G PCRI = ((6/19)*PCREG+KPCREG(-1)/KPCREG
 + (13/19)*PCRI(-1))*(1-DPCRI) + JPCRI \$

536. G PCR2 = ((6/13)*PCREG + (7/13)*PCRI+KPCREG/KPCREG(-1))
 *(1-DPCR2) + JPCR2 \$

537. G PCR3 = ((6/7)*PCREG + (1/7)*PCR2)
 *(1-DPCR3) + JPCR3 \$

538. G PCR4 = (1.8*PCREG-0.1*PCRI+KPCREG/KPCREG(-1)
 - 0.5*PCR2-0.2*PCR3)*(1-DPCR4) + JPCR4 \$

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539. I NDF = (1-DNDF)*(PCR1-PCR3(-1))*BNDF + DNDF*NDFX
 + JNDF \$

540. I NDE = (1-DNDE)*(PCR3-PCR1*(KPCREG/KPCREG(-1)))*BNDE
 + DNDE*NDEX + JNDE \$

541. I LNAD = LNAD(-1) + (2/12)*NDF(-1)+TDF(-1)
 + (10/12)*NDF*TDF + (8/12)*NDE(-1)*TDE(-1)
 + (4/12)*NDE*TDE \$

783. G XMXE = FXE*(ANNE*PXNH+ANTE*PXNT+AQOE*PXQQ
+AQOE*(PM7Q+TM7Q)+AMSE*(PMS)*KPXE
+ SIGXE + SIPXE - JYFE \$

784. G XMXNG = FXNG*(AENG*PXE+ANGG*PXNG+ANENG*PXNE+ANNHG*PXNH+
AQTNG*PXQT+AM3RNG*(PM3R+TK3R)-AM3ONG*(PM3Q+TM3Q)+
AM5NG*(PM5+TM5))*KFXNG + SIGXNG + SIPXNG
- JYFNG \$

785. G XMXNE = FXNE*(AENE*PXE+ANGNE*PXNG+ANENE*PXNE+ABNE*PXB+
AQONE*PXQO+AM3KNE*(PM3K+TK3K)+ANSQNE*(PM3Q+TM3Q)+
AM7ONE*(PM7Q+TM7Q))*KFXNE + SIGXNE + SIPXNE
- JYFNE \$

786. G XMXNF = FXNF*(ANF*PXA+ANGF*PXNG+ANF*PXNE+ANFNF*PXNF+
ANNF*PXNH+ANQF*PXNQ+AQNF*PXQH+AQTF*PXQT+
AQQNF*PXQO+AMONE*(PMO+TMO)+AM2NF*(PM2+TM2)+
AM3ONF*(PM3Q+TM3Q)+AM6MNF*(PM6M+TM6M)+
AM6QNF*(PM6Q+TM6Q))*KFXNF + SIGXNF + SIPXNF
- JYFNF \$

787. G XMXNH = FXNH*(ANH*PXA+ANGNH*PXNG+ANENH*PXNE+ANNNH*PXNH+
ANNH*PXNH+ANQNH*PXNQ+AQNH*PXQH+AM1NH*(PM1+TM1)+
AM3ONH*(PM3O+TM3O)+AM6ONH*(PM6O+TM6O))*KFXNH
+ SIGXNH + SIPXNH - JYFNH \$

788. G XMXNB = FXNB*(ANGNB*PXNG+ANENB*PXNE+ANENB*PXNB
+AOHNB*PXQH+AOHNB*PXQH+AM2NB*(PM2+TM2)
+AM3KNB*(PM3K+TK3K)+AM3QNB*(PM3Q+TM3Q)
+ANGHNB*(PM6M+TM6M)+AM6QNB*(PM6Q+TM6Q))
*KFXNB + SIGXNB + SIPXNB - JYFNB \$

789. G XMXNH = FXNH*(ANGNH*PXNG+ANENH*PXNE+ANENH*PXNH
+ARKNH*PXNH+AQHNH*PXQH+AQTNH*PXQT+AQQNH*PXQQ+
AM3QNH*(PM3Q+TM3Q)+AM5NH*(PM5+TM5)
+AM6NH*(PM6M+TM6M)+AM6QNH*(PM6Q+TM6Q)
+AM7QNH*(PM7Q+TM7Q)+AM8NH*(PM8+TM8))
*KFXNH + SIGXNH + SIPXNH - JYFNH \$

790. G XMXNT = FXNT*(ANGNT*PXNG+ANENT*PXNE+ANNT*PXNH
+ANTNT*PXNT+AQHNT*PXQH+AQQNT*PXQQ
+AM3QNT*(PM3Q+TM3Q)+AM6QNT*(PM6M+TM6M)
+AM6QNT*(PM6Q+TM6Q)+AM7QNT*(PM7M+TM7M)
+AM7QNT*(PM7Y+TM7Y)+AM7QNT*(PM7Q+TM7Q))
*KFXNT + SIGXNT + SIPXNT - JYFNT \$

791. G XMXNK = FXNK*(ANGNK*PXNG+ANENK*PXNE+ANKNK*PXNK
+ANQNK*PXNQ+AQTNK*PXQT+AM2NK*(PM2+TM2)
+AM3QNK*(PM3Q+TM3Q)+AM5NK*(PM5+TM5)
+AM6QNK*(PM6Q+TM6Q))*KFXNK
+ SIGXNK + SIPXNK - JYFNK \$

792. G XMXNQ = FXNQ*(ANGNQ*PXNG+ANENQ*PXNE+ANQO*PXNQ
+AQHNO*PXQH+AQTNQ*PXQT+AQQNG*PXQQ +
AM2NQ*(PM2+TM2)+AM3QO*(PM3Q+TM3Q)
+AM5NQ*(PM5+TM5)+AM6QO*(PM6Q+TM6Q)
+AM8NQ*(PM8+TM8))*KFXNQ

793. G XMXB = FXB*(ANGB*PXNG+ANEB*PXNE+ANEB*PXNB+ANHB*PXNH+
ANKB*PXNH+AOHB*PXQH+AOHB*PXQH+AOQB*PXQQ+
AM2B*(PM2+TM2)+AM3QB*(PM3Q+TM3Q)+AM5B*(PM5+TM5)+
AM6B*(PM6M+TM6M)+AM6QB*(PM6Q+TM6Q)+
AM7QB*(PM7Q+TM7Q)+AM8B*(PM8+TM8)+AM5B*(PM5+TM5)
+ SIGXB + SIPXB - JYFVB \$

794. G XMXQH = FXQH*(ANEQH*PXNE+ANQO*PXNQ+ABQH*PXB +AQO*PXQT+
AQO*PXQT+AQO*PXQT+AQO*PXQT+AQO*PXQT+
+AM3QO*(PM3Q+TM3Q)+AM6QO*(PM6Q+TM6Q))
*KFXQH + SIGXQH + SIPXQH - JYFQH \$

783. G XMXE

784. G XMXNG

785. G XMXNE

786. G XMXNF

787. G XMXNH

788. G XMXNB

789. G XMXNH

790. G XMXNT

791. G XMXNK

792. G XMXNQ

793. G XMXB

794. G XMXQH

751. I FXMNB = FXNB*(ANGNB+ANENB+ANBMB+AOHNB+AQHNB+AQTNB+
AM2NB+AM3KNB+AM3QNB+AM6MNB+AM6QNB+ASVNB) \$

752. I FXMNH = FXNH*(ANGNH+ANENH+ANBHH+AOHNH+AQHNH+AQTNH+AOQNH+
AM2NH+AM3KNH+AM3QNH+AM6MNH+AM6QNH+AM7QNH+AM8NH+ASVNH) \$

753. I FXMNT = FXNT*(ANGNT+ANENT+ANBHT+AOHNT+AQHNT+AQQNT+
AM3QNT+AM6MNT+AM6QNT+AM7BNT+AM7YNT+AM7QNT
+ASVNT) \$

754. I FXMNB = FXNB*(ANGNB+ANENK+ANKNK+AMQNK+AQTNK+AM2NK+
AM3QNK+AM5NK+AM6NK+ASVNK) \$

755. I FXMNQ = FXNQ*(ANGNQ+ANENG+ANQO+AQHNO+AQTNQ+AOQNO+
AM2NQ+AM3QO+AM5NQ+AM6NQ+AM6QO+AM6QO+ASVNO) \$

756. I FXMB = FXB*(ANGB+ANEB+ANBB+ANHB+ANKB+AOHB+AQTB+AOQB+
AM2B+AM3QB+AM5B+AM6B+AM6QB+AM7QB+AM8B+AM5B
+ASVB) \$

757. I FXMQH = FXQH*(ANGQH+ANEQH+ANQO+ABQH+AQO*PXQT+AQO*PXQT+
AM3QO+AM6QO+ASVQH) \$

758. I FXMQS = FXQS*(ANGQS+ANEQS+AMTQS+AQOQS+AOQQS+
AM3QQS+AM5QS+ASVQS) \$

759. I FXMQT = FXQT*(ANGQT+ANEQT+ABQT+AQO*PXQT+AQO*PXQT+
AQO*PXQT+AM3QO*PXQO+AM7QO*PXQO) \$

760. I FXMQF = FXQF*(ANGQF+ANEQF+AMQO*PXQO+AOQO*PXQO+
AM3QO*PXQO+ASVQF) \$

761. I FXMQO = FXQO*(ANGQO+ANEQO+AMFOO+ANNQO+ANQO+AOHQQ+
AQO*PXQO+AM6QO+AM6QO+AM1QO+AM3QO+AM7QO+ASVQO) \$

762. I FXMH = FXH*(ANGH+ANEBH+ABH+AOH+AM3QH+AM6QH+ASVH) \$

751. I FXMNB

752. I FXMNH

753. I FXMNT

754. I FXMNB

755. I FXMNQ

756. I FXMB

757. I FXMQH

758. I FXMQS

759. I FXMQT

760. I FXMQF

761. I FXMQO

762. I FXMH

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763. I FYFA = FXA*(1 - ASQA) - FXMHA \$

764. I FYFE = FXE*(1 - ASQE) - FXMHE \$

765. I FYFNG = FXNG*(1 - ASQNG) - FXMNG \$

766. I FYFNE = FXNE*(1 - ASQNE) - FXMNE \$

767. I FYFNF = FXNF*(1 - ASQNF) - FXMNF \$

768. I FYFNN = FXNH*(1 - ASQNN) - FXMNN \$

769. I FYFNB = FXNB*(1 - ASQNB) - FXMNB \$

770. I FYFNH = FXNH*(1 - ASQNH) - FXMNH \$

771. I FYFNT = FXNT*(1 - ASQNT) - FXMNT \$

772. I FYFNK = FXNK*(1 - ASQNK) - FXMNK \$

773. I FYFNQ = FXNQ*(1 - ASQNQ) - FXMNQ \$

774. I FYFNB = FXB*(1 - ASQB) - FXMNB \$

775. I FYFQH = FXQH*(1 - ASQQH) - FXMQH \$

776. I FYFQS = FXQS*(1 - ASQQS) - FXMQS \$

777. I FYFQT = FXQT*(1 - ASQQT) - FXMQT \$

778. I FYFQF = FXQF*(1 - ASQQF) - FXMQF \$

779. I FYFQO = FXQO*(1 - ASQOQ) - FXMQO \$

780. I FYFHH = FXH*(1 - ASQH) - FXMHH \$

781. I FYF = FYFA+FYFE+FYFNG+FYFNE+FYFNF+FYFNH+FYFNB+FYFNK
+FYFNT+FYFNK+FYFNQ+FYFB+FYFQB+FYFQS+FYFQT+FYFQF
+FYFQO+FYFHH+FYFQI \$

763. I FYFA

764. I FYFE

765. I FYFNG

766. I FYFNE

767. I FYFNF

768. I FYFNN

769. I FYFNB

770. I FYFNH

771. I FYFNT

772. I FYFNK

773. I FYFNQ

774. I FYFNB

775. I FYFQH

776. I FYFQS

777. I FYFQT

778. I FYFQF

779. I FYFQO

780. I FYFHH

781. I FYF

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782. G XMXA = FXA*(AAA*PXA+ANGA*PXNG+ANEA*PXNE+ANFA*PXNF
+ANHA*PXNH+ANTA*PXNT+ANKA*PXNK+AOHA*PXQH
+AQOA*PXQO+AKOA*(PMO+TMO)+ANSQA*(PM3Q+TM3Q)
+AM5A*(PM5+TM5))*KFXA + SIGXA + SIPXA - JYFA \$

782. G XMXA

795. G XHXQS = FXQS*(ANGGS*PXNG+ANEQS*FXNE+ANTQS*FXNT +AQQS*PXQT+AOQS*PXQQ+ANQQS*(PM3Q+TM3Q) +AMQS*PKS)*KFXQS*SIGXQS + SIPXQS - JYFQS \$

796. G XHXQT = FXQT*(ANGQT*PXNG+ANEQT*FXNE+ABQT*FXB+AQ9T*PXQS+ AQOT*PXQT+AOQT*PXQQ+AOQT*PXQ +AM3QT*(PM3Q+TM3Q)+AM7QT*(PM7Q+TM7Q))*KFXQT + SIGXQT + SIPXQT - JYFQT \$

797. G XHXQF = FXQF*(ANGOF*PXNG+ANEOF*FXNE+ANQOF*PXNQ +AQOF*PXQF+AOQF*PXO+AM3QF*(PM3Q+TM3Q) +AMQF*(PM3Q+TM3Q))*KFXQF + SIPXQF - JYFQF \$

798. G XHXQD = FXQD*(ANGDQ*PXNG+ANEDQ*FXNE+ANFDQ*PXNF +ANQD*PXND+ANTDQ*PXNT+ANQDQ*PXNQ+AQDQ*PXQH +AM1DQ*(PM1+TM1)+AM3DQ*(PM3Q+TM3Q) +AM7DQ*(PM7Q+TM7Q))*KFXQD + SIPXQD - JYFQD \$

799. G XHXH = FXH*(ANGH*PXNG+ANEH*FXNE+ABH*FXB+AOH*PXQD+ AM3QH*(PM3Q+TM3Q)+AM8H*(PM8+TM8))*KFXH + SIGXH + SIPXH - JYFPH \$

800. I KXKX1 = FXNG+PXNG + FXNE+PXNE + FXNN+PXNN + FXNB+PXNB + FXNM+PXNM + FXNK+PXNK + FXNQ+PXNQ + FXQD+PXQD + FXQH+PXQH + FXQT+PXQT + FXQF+PXQF + FXQD*PXQD - (SIQ-SIQD-SIQF-SIQNF-SIQNT-SIQS-SIQH -SIQD) - (YF - YFA-YFE-YFN-YFNF-YFNT-YFB-YFOS-YFH-YFO -YFOI) \$

801. I KXKX = KXKX/(XMXNG+XMXNE+XMXNH+XMXNN+XMXNM+XMXNK+ XMXNQ+XMXQH+XMXQT+XMXQF+XMXQD) \$

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802. G SIQTO = TQOTO*PXQT*PXQT + JSIQTO \$

803. G SIQA = .16*SIQEU + .07*SIQV + .02*SIQR + .18*SIQSK + JSIQA \$

804. G SIQE = 0 + JSIQE \$

805. G SIQNG = .00*SIQEU + .00*SIQV + .01*SIQR + .01*SIQSK + JSIQNG \$

806. G SIQNE = .01*SIQEU + .04*SIQV + .08*SIQR + .06*SIQSK + JSIQNF \$

807. G SIQNF = .00*SIQEU + .01*SIQV + .00*SIQR + .00*SIQSK + JSIQNN \$

808. G SIQNB = .01*SIQEU + .00*SIQV + .01*SIQR + .04*SIQSK + JSIQNB \$

809. G SIQNX = .01*SIQEU + .01*SIQV + .02*SIQR + .02*SIQSK + JSIQNM \$

811. G SIQNT = 0 + JSIQNT \$

812. G SIQNK = .01*SIQEU + .01*SIQV + .03*SIQR + .01*SIQSK + JSIQNK \$

813. G SIQNO = .01*SIQEU + .01*SIQV + .02*SIQR + .02*SIQSK + JSIQNQ \$

814. G SIQB = .01*SIQEU + .14*SIQV + .02*SIQR + .03*SIQSK + JSIQB \$

815. G SIQGH = .18*SIQEU + .19*SIQV + .38*SIQR + .03*SIQSK + JSIQGH \$

816. G SIQOS = .00*SIQEU + .00*SIQV + .02*SIQR + .01*SIQSK + JSIQOS \$

817. G SIQOT = .01*SIQEU + .45*SIQV + .13*SIQR + .01*SIQSK + SIQOTO + JSIQOT \$

818. G SIQOF = .02*SIQEU + .00*SIQV + .08*SIQR + .01*SIQSK + JSIQOF \$

819. G SIQOQ = .04*SIQEU + .06*SIQV + .17*SIQR + .16*SIQSK - JSIQA - JSIQE - JSIQNG - JSIQNE - JSIQNF - JSIQNN - JSIQNB - JSIQNH - JSIQNT - JSIQNK - JSIQNG - JSIQOB - JSIQOH - JSIQOS - JSIQOT - JSIQOF - JSIQH - JSIQO \$

820. G SIQH = .46*SIQEU + .00*SIQV + .01*SIQR + .41*SIQSK + JSIQH \$

821. G SIQO = .07*SIQEU + .01*SIQV + .00*SIQR + .00*SIQSK + JSIQO \$

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822. G YFA = FXA*PXA - SIOA - XMXA \$

823. G YFE = FXE*PXE - SIOE - XMXE \$

824. I YFNG = FXNG*PXNG - SIOG - XMXNG*KXMX \$

825. I YFNE = FXNE*PXNE - SIOE - XMXNE*KXMX \$

826. G YFNF = FXNF*PXNF - SIOF - XMXNF \$

827. I YFNN = FXNN*PXNN - SIOG - XMXNN*KXMX \$

828. I YFNB = FXNB*PXNB - SIOB - XMXNB*KXMX \$

829. I YFNM = FXNM*PXNM - SIOG - XMXNM*KXMX \$

830. G YFNT = FXNT*PXNT - SIOG - XMXNT \$

831. I YFNK = FXNK*PXNK - SIOK - XMXNK*KXMX \$

832. I YFNQ = FXNQ*PXNQ - SIOQ - XMXNQ*KXMX \$

833. G YFNB = FXB*PXB - SIOB - XMXB \$

834. I YFOH = FXOH*PXOH - SIOH - XMXOH*KXMX \$

835. G YFOS = FXOS*PXOS - SIOOS - XMXOS \$

837. I YFOF = FXOF*PXOF - SIOOF - XMXOF*KXMX \$

838. I YFOQ = FXOQ*PXOQ - SIOOQ - XMXOQ*KXMX \$

839. G YFPH = FYFH*PYFH \$

840. G YFOI = FYFOI*PYFOI \$

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841. I YR = YF - YW \$

842. I YRA = YFA - YWA \$

843. I YRE = YFE - YWE \$

844. I YRNG = YFNG - YWNG \$

845. I YRNE = YFNE - YWNE \$

846. I YRNF = YFNF - YWNF \$

847. I YRNN = YFNN - YWNN \$

848. I YRNB = YFNB - YWNB \$

849. I YRNM = YFNM - YWNM \$

850. I YRNT = YFNT - YWNT \$

851. I YRNB = YFNB - YWNB \$

852. I YRNO = YFNO - YWNO \$

853. I YRNB = YFNB - YWNB \$

854. I YROH = YFOH - YWOH \$

855. I YROS = YFOS - YWOS \$

856. I YROT = YFOT - YWOT \$

857. I YROF = YFOF - YWOF \$

858. I YROQ = YFOQ - YWOQ \$

859. I YRPH = YFPH - YWPH \$

860. G YRP = 1.0*YRA + 0.0*YRE + 0.0*YRNG + 0.1*YRNF
 + 0.1*YRNN + .15*YRNB+ 0.2*YRNM + 0.0*YRNT
 + 0.1*YRNK + 0.3*YRNO+ 0.5*YRB + 0.3*YROH
 + .05*YRQS + 0.2*YRQT+ 0.0*YRQF + 0.5*YRQQ \$
 861. G YRS = 0.0*YRA + 1.0*YRE + 1.0*YRNG + 0.9*YRNF
 + 0.9*YRNN + .85*YRNB+ 0.8*YRNM + 1.0*YRNT
 + 0.9*YRNK + 0.7*YRNO+ 0.5*YRB + 0.7*YROH
 + .95*YRQS + 0.7*YRQT+ 1.0*YRQF + 0.5*YRQQ \$
 862. G YROK = PIOV*FIOV + YRNE + 0.1*YRQT \$
 863. G YROF = YROK + YRQF \$

 FINANSIEL SEKTORMODEL

 DEN PRIVATE IKKE-FINANSIELLE SEKTOR

 AKTIVER

PENGEETFERSPØRGSEL

1. S WPM = .427314*WWE+ (-.191802-.762858-.171968
 -1.1131*D72)*IWDE
 +(-.191802-.762858)*IWBZ-.171968*((IWDN+
 EWDN/ENDN(-4)-1))*WFLP
 +IWLO*WBLP)/((WBLP+WFLP)
 -1.1131*D72*(IWDN+(EWDN/ENDN(-4)-1)))*
 (WPM(-1)+WPEZ(-1))
 -.533051*SIPW
 +.100520*YTR+ FYTR*(4992.94
 -6768.14*DUM1+ 200.202*DUM2-6208.53*DUM3)
 +.874790*(WPM(-1)-.427314*WWE(-1)
 +.533051*SIPW(-1))+ JWPMS\$

EFTERSPØRGSEL EFTER SEDLER, MØNT OG GIROINDSKUD

2. S WPCZ = 0.129190*WPN-64.2868*FYTR*(TID-32) + JWPCZ\$

EFTERSPØRGSEL EFTER OBLIGATIONER

3. S WPBZ = .209891*WWE +(-.191802*IWDE
 -(-.191802-.456164-.762858
 +.842715-.0265821*D72)*IWBZ
 -.456164*((IWDN+(EWDN/ENDN(-4)-1))*WFLP
 +IWLO*WBLP)/((WBLP+WFLP)
 -.0265821*D72*(IWDN+(EWDN/ENDN(-4)-1)))*
 (WPM(-1))
 +.0297671*YTR+FYTR*(-10782.3
 +(4045.77-174.942)*DUM1+(1183+1387.43)*DUM2
 +(2215.14 + 659.889)*DUM3)+.874790*
 (WPBZ(-1)-.209891*WWE(-1))+JWPBZ\$

SANLEDE AKTIVER

4. I WFZZ = WPM+WPBZ+WPLS+WHLL+WSEZ+WPDSB+WZBF
 +WRBZ+WRBZ+WTLF+WBOB+WAQA \$

PASSIVER	
UDBUD AF OBLIGATIONER	
5. S WZBR =	$-(.0291374*WWE+(-.762858*IWDB+.842716*IWBZ)*WPM(-1)+WPBZ(-1))-858888*SIHW-.0583809*YTR+PYTR*(-3704.23+174.912*DUM1-1387.43*DUM2-659.889*DUM3)+.874790*(-WZBR(-1))-0291374*WWE(-1)+.858888*SIHW(-1))+JWBR\$$
LÅN I UDLAND OG PENGEINSTITUTTER	
6. I WPA =	$-(WWE-SIHW-SIPW)+WPM+WPBZ-WZBR \$$
LÅN I PENGEINSTITUTTER	
7. S WBLP =	$(.775059-1.37524*IWLO+.567378*(IWDN+(EWDN/EWDM(-4)-1))-0830680*DUDDL)*(WPA-WPA(-1))+(-.810958)*WPA(-1)+.810958*WBLP(-1)+PYTR*(3567.51+1493.19*DUM1+2016.37*DUM2+1042.45*DUM3))+JWBLP\$$
LÅN I UDLANDET	
8. I WFLP =	$WPA-WBLP \$$
SAMLEDE PASSIVER	
9. I WZQP =	$WZBR+WBLP+WFLP+WGLP+WELP+WFLT+WFLH+WFPQ+WALP+WFPQ \$$
FINANSIEL OPSPARING	
10. I WDPQ =	$TFPIN-WDNQ \$$
AKKUMULERET FINANSIEL OPSPARING	
11. I WPQP =	$WPQP(-1) + WDPQ \$$
FINANSIEL OPSPARING I EKSOGENE VARIABLE	
12. I WDPQX =	$WPLB+WHLL+WSBZ+WRBZ+WRBZ+WTLF+WQB+WZBF+WDBS+WQAQ-(WGLP+WELP+WFLT+WFLH+WFPQ+WALP)-(WFLB(-1)+WHLL(-1)+WSBZ(-1)+WRBZ(-1)+WRBZ(-1)+WTLF(-1)+WQB(-1)+WZBF(-1)+WDBS(-1)+WQAQ(-1)-(WGLP(-1)+WELP(-1)+WFLT(-1)+WFLH(-1)+WFPQ(-1)+WALP(-1))\$$
FINANSIEL OPSPARING I ENDOGENE VARIABLE	
13. I WDPQE =	$WDPQP-WDPQX \$$
OPSPARING	
14. I WDWE =	$WDPQE+IPW+IHW \$$
AKKUMULERET OPSPARING	
15. I WWE =	$WWE(-1) +WDWE \$$
AKKUMULEREDE INVESTERINGER	
16. I SIPW =	$SIPW(-1)+IPW \$$
17. I SIHW =	$SIHW(-1)+IHW \$$
PENGEINSTITUTTER	
AKTIVER	
EFTERSPØRGESEL EFTER SEDLER, MØNT OG GIROINDSKUD	
18. S WBCZ =	$0.0191076*WPDB-42.1363*PYTR*(TID-32))+JWBCZ\$$
EFTERSPØRGESEL EFTER OBLIGATIONER	
19. I WBBZ =	$WFLB+WLDB+WLNB+WPDB+WQB+WFLB-WBCZ-WBDN-WBLB-WBQP-WBYF-WBDSN\$$
PASSIVER	
INDSKUD I PENGEINSTITUTTER FRA DEN PRIVATE IKKE-FINANSIELLE SEKTOR	
20. I WPDB =	$WPM-WPCZ+WPSB \$$
FINANSIEL EGENKAPITAL	
21. I WBOB =	$WBOB(-1) + WDRQB \$$
FASTSÆTTELSE AF EGNE RENTESATSER	
INDSKUDSRENTEN	
22. S IWDE =	$.00361533 +.326663*IWDE(-1)+.194754*DRAD*IWBZ+.2427993*(1-DRAD)*IWBZ+.575438*DRAD*IWDI+.228820*(1-DRAD)*IWDI-.0323178*DRAD + JIWDE\$$
UDLÅNSRENTEN	
23. S IWLO =	$.0502805 +.169613*IWLO(-1)+.246388*IWBZ+.778687*DRAL*IWDI+.577920*(1-DRAL)*IWDI-.0252226*DRAL-.00614863*RENTEML+ JIWLO\$$
FONDE	
EFTERSPØRGESEL EFTER OBLIGATIONER	
24. I WOBZ =	$TFPON+WOBZ(-1) \$$
25. I WABZ =	$TFPN+WABZ+WABZ(-1) \$$
SAMLEDE AKTIVER	
26. I WAZZ =	$WAZZ(-1)+TFPN \$$

UDLÅN	
27. I	WALP = WAZZ-WABZ-WALL \$
FINANSIEL EGENKAPITAL	
28. I	WAQA = WAQA(-1) + TFFON+TFFPN\$
NATIONALBANKEN	
AKTIVER	
LÅN TIL PENGEINSTITUTTER	
29. G	WNLB = KREAO*(-(WPDB-WPDEX) + (WBLP-WBLPX) -(WLDB-WBCZ-WBLL -WBVF-WLDBX. +WBCZX+WBLX+WBVFX)) +KREA1*(WFQF-WFOFX) -KREA2*(WFLP+WFLM+WFLN+WFLB+WFLH +WFLA+WFBZ+WFOF-WFLPX-WFLX-WFLY -WFLB-WFLX-WFLY-WFLX-WFBZ-WFOFX -WZBF-WBOF-WELF-WTLF+WZBFX+WBOFX +WELFX+WTLFX) +NNLX\$
OBLIGATIONSKØB	
30. G	WNBZ = KREA3*(WFQF-WFOFX) -KREA4*(WFLP+WFLM+WFLN+WFLB+WFLH +WFLA+WFBZ+WFOF-WFLPX-WFLX-WFLY -WFLB-WFLX-WFLY-WFLX-WFBZ-WFOFX -WZBF-WBOF-WELF-WTLF+WZBFX+WBOFX +WELFX+WTLFX) +WNBZ\$
OFFICIEL LIKVIDITET	
31. I	WNVF = WNVF(-1)+TFEN+WFLG +WFLP+WFOG+WFLM+WFLN+WFLB+WFLH+WFLA +WFBZ+WFOF-(WZBF+WBOF+WELF+WGLF+WTLF +WBVF) -(WFLG(-1)+WFLP(-1)+WFOG(-1)+WFLM(-1) +WFLN(-1)+WFLB(-1)+WFLH(-1)+WFLA(-1)+ WFBZ(-1)+WFOF(-1)+WZBF(-1)+WBOF(-1)+WBVF(-1) -WELF(-1)+WGLF(-1)+WTLF(-1)) \$
STATENS LÅN TIL NATIONALBANKEN	
32. I	WGLN = WGLN(-1)+TFSN -WGLL-WGLP-WGBZ-WGLF+WFOG+WZBG+WFLG+WILG +(WGLL(-1)+WGLP(-1)+WGBZ(-1)+WGLF(-1) -WFOG(-1)-WZBG(-1)-WFLG(-1)-WILG(-1)) \$
PASSIVER	
UDRUD AF SEDLER, MØNT OG GIROINDSKUD	
33. I	WZCN = WPCZ+WBCZ\$
FINANSIEL EGENKAPITAL	
34. I	WNQN = WNQN(-1) + WDNQN \$
STATEN	
PASSIVER	
UDRUD AF OBLIGATIONER	
35. G	WZBG = WZBG-KREA5*(TFSM-TFSNX)+ WZBG(-1)\$
KOMMUNERNE	
AKTIVER	
36. I	WLDB = WLDB(-1)+WGLL+WFLM+WFLN + WALL+WBLM+WZBL-WLBZ -(WGLL(-1)+WFLM(-1)+WFLN(-1) +WALL(-1)+WBLM(-1)+WZBL(-1)- WLBZ(-1))+TFKN \$
PASSIVER	
EGENKAPITAL	
37. I	WLQL = WLQL(-1)+TFKN\$
SÅMLEDTE PASSIVER	
38. I	WZZL = WGLL+WFLM+WFLN+WALL+WBLM+WZBL+WLBZ+WLQL\$
UDLÅN	
DEN SAMLEDE GELD TIL UDLANDET	
39. I	WFQF = WFQF(-1)-TFEN\$
OBLIGATIONSRENTEN	
40. I	IWBZ = (WZBL+WZBG+WOBZ-WABZ-WLBZ-WNBZ-WIBZ -WFBZ-WGBZ-WBBZ-WRBZ-WSBZ-WHBZ) /((WPM(-1)+WPEZ(-1)) *(1.410824+.0265821*D72)) -(.2390284*WNE -.858888*SIHW-.0286138* YTR+PYTR*(-14486.53+4015.77*DUN1+1183*DUN2 +2215.14*DUN3+.874790*(WPBZ(-1)-WZBR(-1)) -.2390284*WNE(-1)+.858888*SIHW(-1)) /((WPM(-1)+WPEZ(-1))*(1.410824 +.0265821*D72))+IWDE-.456164* +0265821*D72)+(IWDN+(EWDN/EWDM/(-1)) *WFLP)/(WBLP+WFLP)) /(1.410824+.0265821*D72)+.0265821*D72 *(IWDN+(EWDN/EWDM/(-1)))/(1.410824 +.0265821*D72)+JIWBZ\$

