

```

FDH_47(I) = F_47(I,2)
FDEXH_47(I) = F_47(I,1) + F_47(I,3) + F_47(I,4) + F_47(I,5) + F_47(I,6)
:'家計消費の国内最終需要計 (産業別)
:'家計消費以外の国内最終需要計 (産業別)
:'国内最終需要計 (産業別)
:'国内総固定資本形成 (公的) (産業別)公的投資OI=official investment
:'輸出計 (産業別)
:'輸入計 (産業別)
:'最終需要部門計 (産業別)
:'国内生産額 (産業別)
:'print, "XX_47(",I,")=";XX_47(I)
VV_47(I) = V_47(9,I)
:'粗付加価値部門計 (産業別)

next I

'輸出計 (全産業計)・(控除) 輸入計 (全産業計)・最終需要部門計 (全産業計)・粗付加価値部門計 (全産業計)・雇用量計 (全産業計)・公的投資計(全産業計)
EE_SUM_47=0 : MM_SUM_47=0 : FF_SUM_47=0 : VV_SUM_47=0 : L_SUM_47=0 : FOI_SUM_47=0
for I=1 to SIZE_47
  EE_SUM_47 = EE_SUM_47 + EE_47(I)
  MM_SUM_47 = MM_SUM_47 + MM_47(I)
  FF_SUM_47 = FF_SUM_47 + FF_47(I)
  VV_SUM_47 = VV_SUM_47 + VV_47(I)
  L_SUM_47 = L_SUM_47 + L_47(I)
  FOI_SUM_47 = FOI_SUM_47 + FOI_47(I)

next I

'投入係数(A)・消費係数(cc)・付加価値率(vc)・輸入係数(mc)・輸入係数(mc)・労働投入係数(al)
for I=1 to SIZE_47
  for J=1 to SIZE_47
    A_47(I,J)=X_47(I,J)/XX_47(J)
    if (I=J) then MC_47(I,J)=(-1)*MM_47(I)/(XX_ENDO_47(I)+FD_47(I)) else MC_47(I,J)=0
  next J
  CC_47(I)=FDH_47(I)/FF_SUM_47
  VC_47(I)=VV_47(I)/XX_47(I)
  AL_47(I)=L_47(I)/XX_47(I)

next I

'レオンチェフ・マトリックス(I-A)
for I=1 to SIZE_47
  for J=1 to SIZE_47
    if I=J then IA_47(I,J)=1-A_47(I,J) else IA_47(I,J)=0-A_47(I,J)
  next J

next I

'家計消費内生化投入係数と国産率係数
for I=1 to SIZE_47

```

```

for J=1 to SIZE_47
  ACV_47(I,J) = A_47(I,J) + (CC_47(I)*VC_47(J))
  if (I=J) then
    IM_47(I,J) = 1-MC_47(I,J)
  else
    IM_47(I,J) = 0-MC_47(I,J)
  endif
next I

*輸入内生化レオンチェフ・マトリックス(I-(I-MC)A)
for I=1 to SIZE_47
  for J=1 to SIZE_47
    IIMA_47(I,J)=0
    for K=1 to SIZE_47
      IIMA_47(I,J) = IIMA_47(I,J) + (IM_47(I,K)*A_47(K,J))
    next K
    if I=J then
      IIMA_47(I,J) = 1-IIMA_47(I,J)
    else
      IIMA_47(I,J) = 0-IIMA_47(I,J)
    endif
  next J
next I

*輸入内生化最終需要ベクトル((I-MC)fd+e)
IMFDE_47(I)=0
for J=1 to SIZE_47
  IMFDE_47(I)=IMFDE_47(I)+(IM_47(I,J)*FD_47(J))
next J
IMFDE_47(I)=IMFDE_47(I)+EE_47(I)

next I

*家計消費内生化レオンチェフ・マトリックス(I-(A+cv))
for I=1 to SIZE_47
  for J=1 to SIZE_47
    if I=J then
      IACV_47(I,J) = 1-ACV_47(I,J)
    else
      IACV_47(I,J) = 0-ACV_47(I,J)
    endif
  next J
next I

*家計消費内生化最終需要ベクトル(fd(h)+e-m=f-fd(h))
FDEXHEM_47(I)=FF_47(I) - FDH_47(I)
FDEXHEM_47(I)=FDEXH_47(I)+EE_47(I)+MM_47(I)

next I

```

```

'輸入・家計消費内生化レオンチェフ・マトリックス(I-(I-MC)(A+cv))
'次のループにバグがあるのではないか? 口解決
for I=1 to SIZE_47
  for J=1 to SIZE_47
    IIMACV_47(I,J)=0
    for K=1 to SIZE_47
      IIMACV_47(I,J) = IIMACV_47(I,J) + (IM_47(I,K)*ACV_47(K,J))
    next K
    if (I=J) then
      IIMACV_47(I,J) = 1-IIMACV_47(I,J)
    else
      IIMACV_47(I,J) = 0-IIMACV_47(I,J)
    endif
  next J
next I
'輸入・家計消費内生化最終需要ベクトル((I-MC)fd(h)+e)
for I=1 to SIZE_47
  IMFDEXHE_47(I)=0
  for J=1 to SIZE_47
    IMFDEXHE_47(I)=IMFDEXHE_47(I)+(IM_47(I,J)*FDEXH_47(J))
  next J
  IMFDEXHE_47(I)=IMFDEXHE_47(I)+EE_47(I)
next I
''逆行列の作成
'逆行列サブルーチンの変数・定数定義
N=SIZE_47
NP=N+1
var NMAX as integer, TINY as double, DET as double
NMAX=500
TINY=1.0E-20
dim INDX(N) as integer
dim A(NP,NP) as double,COL(NP) as double  :' A(N,N),COL(N)を変えてみた
dim Y(N,N) as double
dim INVIA_47(N,N) as double, INVIIMA_47(N,N) as double, INVIACV_47(N,N) as double, INVIIMACV_47(N,N) as double

'レオンチェフ逆行列(inv(I-A))
'逆行列作成サブルーチンの呼び出し*****
for I=1 to NP
  for J=1 to NP
    A(I,J)=0
  next J
next I
for I=1 to N
  for J=1 to N
    A(I,J)=IA_47(I,J)

```

```

next J
next I
calls "LUDCMP_V2",A(),N,NMAX,TINY,INDX(),DET
for J=1 to N
  for I=1 to NP
    COL(I)=0
  next I
  COL(J)=1
  calls "LUBKSB_V2", A(),N,INDX(),COL()
  for I=1 to N
    Y(I,J)=COL(I)
  next I
next J
for I=1 to N
  for J=1 to N
    INVIA_47(I,J)=Y(I,J)
  next J
next I
'逆行列作成の完了*****
'輸入生化学レオノンフェ逆行列(inv(I-(I-MC)A))
'逆行列作成サブルーチンの呼び出し*****
for I=1 to NP
  for J=1 to NP
    A(I,J)=0
  next J
next I
for I=1 to N
  for J=1 to N
    A(I,J)=IIMA_47(I,J)
  next J
next I
calls "LUDCMP_V2",A(),N,NMAX,TINY,INDX(),DET
for J=1 to N
  for I=1 to NP
    COL(I)=0
  next I
  COL(J)=1
  calls "LUBKSB_V2", A(),N,INDX(),COL()
  for I=1 to N
    Y(I,J)=COL(I)
  next I
next J
for I=1 to N
  for J=1 to N
    INVIIMA_47(I,J)=Y(I,J)

```

```

next J
next I
'逆行列作成の完了*****
'家計消費内生化レオンチェーン逆行列(inv(I-(A+cv)))
'逆行列作成サブルーチンの呼び出し*****
for I=1 to NP
  for J=1 to NP
    A(I,J)=0
  next J
  for J=1 to N
    A(I,J)=IACV_47(I,J)
  next J
next I
calls "LUDCMP_V2",A(),N,NMAX,TINY,INDX(),DET
for J=1 to N
  for I=1 to NP
    COL(I)=0
  next I
  COL(J)=1
  calls "LUBKSB_V2",A(),N,INDX(),COL()
  for I=1 to N
    Y(I,J)=COL(I)
  next I
next J
for I=1 to N
  for J=1 to N
    INVIACV_47(I,J)=Y(I,J)
  next J
next I
'逆行列作成の完了*****
'輸入・家計消費内生化レオンチェーン逆行列(inv(I-(I-MC)(A+cv)))
'逆行列作成サブルーチンの呼び出し*****
for I=1 to NP
  for J=1 to NP
    A(I,J)=0
  next J
next I
for I=1 to N
  for J=1 to N
    A(I,J)=IIMACV_47(I,J)
  next J
next I

```

```

calls "LUDCMP_V2",A(O),N,NMAX,TINY,INDX(),DET
for J=1 to N
  for I=1 to NP
    COL(I)=0
  next I
  COL(J)=1
  calls "LUBKSB_V2", A(O),N,INDX(),COL()
  for I=1 to N
    Y(I,J)=COL(I)
  next I
next J
for I=1 to N
  for J=1 to N
    INVIMACV_47(I,J)=Y(I,J)
  next J
next I
'逆行列作成の完了*****
.....
'47部門マトリックスの出力。
open FZ$ for create as #2
''(1)内生部門のマトリックス(X)
print #2,"内生部門のマトリックス(X)"
M=SIZE_47+1: N=SIZE_47+1
calls "MATRIXOUT", 2,X_47(),M,N,CODENAME_47X$(),CODENAME_47X$()
print #2
''国内生産額(x)
print #2,"国内生産額(x)"
calls "VECTOROUT", 2,XX_47(),size_47,CODENAME_47X$()
print #2
''(2)最終需要部門のマトリックス(F)
print #2,"(2)最終需要部門のマトリックス(F)"
calls "MATRIXOUT", 2,F_47(),SIZE_47F_GY,SIZE_47F_RTS,CODENAME_47F$(),CODENAME_47F$()
print #2
''最終需要(f)
print #2,"Final Demand(f) =>観測値"
calls "VECTOROUT", 2,FF_47(),SIZE_47,CODENAME_47X$()
print #2
''(3)付加価値部門のマトリックス(V)
print #2,"(3)付加価値部門のマトリックス(V)"
calls "MATRIXOUT", 2,V_47(),SIZE_47V_GY,SIZE_47V_RTS,CODENAME_47V$(),CODENAME_47V$()
print "part5"

```

```

print #2
"投入係数(A)
print #2,"投入係数(A)"
calls "MATRIXOUT", 2,A_47(),SIZE_47,CODENAME_47X$,CODENAME_47X$()
print #2

"家計消費内生化投入係数(ACV)
print #2,"家計消費内生化投入係数(ACV)"
calls "MATRIXOUT", 2,ACV_47(),SIZE_47,CODENAME_47X$,CODENAME_47X$()
print #2

"輸入係数(MC_47(I,J))
print #2,"輸入係数(MC)"
calls "MATRIXOUT", 2,MC_47(),SIZE_47,CODENAME_47X$,CODENAME_47X$()
print #2

"国産率係数(IM=I-MC)
print #2,"国産率係数(IM)"
calls "MATRIXOUT", 2,IM_47(),SIZE_47,CODENAME_47X$,CODENAME_47X$()
print #2

"消費係数CC_47(I)
print #2,"消費係数CC_47(I)"
calls "VECTOROUT", 2,CC_47(),SIZE_47,CODENAME_47X$()
print #2

"付加価値係数VC_47(I)
print #2,"付加価値係数VC_47(I)"
calls "VECTOROUT", 2,VC_47(),SIZE_47,CODENAME_47X$()
print #2

"(4)レオンチェフ・マトリックス(I-A)
print #2,"レオンチェフ・マトリックス(I-A)"
calls "MATRIXOUT", 2,IA_47(),SIZE_47,CODENAME_47X$,CODENAME_47X$()
print #2

"(2)輸入内生化レオンチェフ・マトリックス(I-(I-M)A)
print #2,"輸入内生化レオンチェフ・マトリックス(I-(I-M)A)"
calls "MATRIXOUT", 2,IIMA_47(),SIZE_47,CODENAME_47X$,CODENAME_47X$()
print #2

"(3)家計消費内生化レオンチェフ・マトリックス(I-(A+cv))
print #2,"家計消費内生化レオンチェフ・マトリックス(I-(A+cv))"
calls "MATRIXOUT", 2,IACV_47(),SIZE_47,CODENAME_47X$,CODENAME_47X$()
print #2

```

```

"輸入・家計消費内生化レオンチェフ・マトリックス(I-(I-MC)(A+cv))
print #2,"輸入・家計消費内生化レオンチェフ・マトリックス(I-(I-MC)(A+cv))"
calls "MATRIXOUT", 2,IMACV_47(),SIZE_47,SIZE_47,CODENAME_47X$,CODENAME_47X$()
print #2

"レオンチェフ逆行列(inv(I-A))
print #2,"レオンチェフ逆行列(inv(I-A))"
calls "MATRIXOUT", 2,INVIA_47(),SIZE_47,SIZE_47,CODENAME_47X$,CODENAME_47X$()
print #2

"輸入内生化レオンチェフ逆行列(inv(I-(I-MC)A))
print #2,"輸入内生化レオンチェフ逆行列(inv(I-(I-MC)A))"
calls "MATRIXOUT", 2,INVIMA_47(),SIZE_47,SIZE_47,CODENAME_47X$,CODENAME_47X$()
print #2

"家計消費内生化レオンチェフ逆行列(inv(I-(A+cv)))
print #2,"家計消費内生化レオンチェフ逆行列(inv(I-(A+cv)))"
calls "MATRIXOUT", 2,INVIACV_47(),SIZE_47,SIZE_47,CODENAME_47X$,CODENAME_47X$()
print #2

"輸入・家計消費内生化レオンチェフ逆行列(inv(I-(I-MC)(A+cv)))
print #2,"輸入・家計消費内生化レオンチェフ逆行列(inv(I-(I-MC)(A+cv)))"
calls "MATRIXOUT", 2,INVIMACV_47(),SIZE_47,SIZE_47,CODENAME_47X$,CODENAME_47X$()
print #2

"輸入内生化最終需要ベクトル((I-M)fd+e) =>観測値
print #2,"輸入内生化最終需要ベクトル((I-M)fd+e) =>観測値"
calls "VECTOROUT", 2,IMFDE_47(),SIZE_47,CODENAME_47X$()
print #2

"家計消費内生化最終需要ベクトル(fd(h)+e-m) =>観測値
print #2,"家計消費内生化最終需要ベクトル(fd(h)+e-m) =>観測値"
calls "VECTOROUT", 2,FDEXHEM_47(),SIZE_47,CODENAME_47X$()
print #2

"輸入・家計消費内生化最終需要ベクトル((I-MC)fd(h)+e)
print #2,"輸入・家計消費内生化最終需要ベクトル((I-MC)fd(h)+e)"
calls "VECTOROUT", 2,IMFDEXHE_47(),SIZE_47,CODENAME_47X$()
print #2

"産業別雇用量ベクトル(L)
print #2,"産業別雇用量ベクトル(L)"
calls "VECTOROUT", 2,L_47(),SIZE_47,CODENAME_47X$()
print #2

"産業別雇用係数ベクトル(al)
print #2,"産業別雇用係数ベクトル(al)"

```



```

IMFDE_SUM_47=0: IMFDEXHE_SUM_47=0
for I=1 to SIZE_47
  IMFDE_SUM_47 =IMFDE_SUM_47 +IMFDE_47(I)
  IMFDEXHE_SUM_47=IMFDEXHE_SUM_47+IMFDEXHE_47(I)
next I
for I=1 to SIZE_47
  for J=1 to P1_SIZE
    P1_IMFDE_47(I,J) = IMFDE_47(I) - FOI_47(I)*P1_PERCENT*(J-1)
    P1_IMFDEXHE_47(I,J) = IMFDEXHE_47(I) - FOI_47(I)*P1_PERCENT*(J-1)
  next J
next I
dim P1_STEP_CODE$(P1_SIZE)
for J=1 to P1_SIZE
  P1_STEP_CODE$(J)=str$(P1_PERCENT*(J-1)*100)+"%"
next J

open "SEISAKU_1.csv" for create as #2
print #2, "国内生産額(x)"
calls "VECTOROUT", 2,XX_47(),SIZE_47,CODENAME_47X$(0)
print #2, "付加価値額(v)"
calls "VECTOROUT", 2,W_47(),SIZE_47,CODENAME_47X$(0)
print #2, "労働人口(i)"
calls "VECTOROUT", 2,L_47(),SIZE_47,CODENAME_47X$(0)
for I=1 to SIZE_47
  for J=1 to P1_SIZE
    P1_1=P1_IMFDE_47(I,J)
    P1_2=P1_IMFDEXHE_47(I,J)
    P1_IMFDE_47(I,J) = P1_IMFDE_47(I,J) + FOI_SUM_47*P1_PERCENT*(J-1)
    P1_IMFDEXHE_47(I,J) = P1_IMFDEXHE_47(I,J) + FOI_SUM_47*P1_PERCENT*(J-1)
  for K=1 to SIZE_47
    P1_1_XX_47(J,K)=0
    for L=1 to SIZE_47
      P1_1_XX_47(J,K)=P1_1_XX_47(J,K)+INVIIMA_47(K,L)*P1_IMFDE_47(L,J)
    next L
    P1_1_V_47(J,K)=P1_1_XX_47(J,K)*VC_47(K)
    P1_1_L_47(J,K)=P1_1_XX_47(J,K)*AL_47(K)
    P1_1_XX_47_A(I,J,K) = P1_1_XX_47(J,K)
    P1_1_V_47_A(I,J,K) = P1_1_V_47(J,K)
  next K
next J

```

:輸入内生化最終需要計 (全産業計)

:輸入・家計消費内生化最終需要計 (全産業計)

:産業数 (全産業から公的投資の一律マイナスマス再分配)

:政策変数の段階数

:輸入内生化最終需要から公的投資の一律マイナスマス再分配

:輸入・家計消費内生化最終需要から公的投資の一律マイナスマス再分配

:政策変数の段階数

:プラス再配分先産業

:政策変数の段階数

:特定産業の輸入内生化最終需要への公的投資のプラス再分配

:特定産業の輸入・家計消費内生化最終需要への公的投資のプラス再分配

:初期化

:政策 (1) の 1 の輸入内生化モデルによる産業別国内生産額予測 (政策段階、産業数)

:産業別付加価値予測

:産業別労働人口予測 (純増分が満たされるとい仮定口満たされない場合も作成のこと)

:I プラス再配分先産業、J 政策段階、K 産業別

```

P1_1_L_47_A(I,J,K) = P1_1_L_47(O,K)
next K
for K=1 to SIZE_47
  P1_2_XX_47(J,K)=0
  for L=1 to SIZE_47
    P1_2_XX_47(J,K)=P1_2_XX_47(J,K)+INVIMACV_47(K,L)*P1_IMFDEXHE_47(L,J)
    :政策 (1) の2の輸入・家計消費内生モデルによる産業別国内生産額予測 (政策段階、産業

```

数)

```

next L
P1_2_V_47(J,K)=P1_2_XX_47(J,K)*VC_47(K) :付加価値予測
P1_2_L_47(J,K)=P1_2_XX_47(J,K)*AL_47(K) :産業別労働人口予測 (純増分が満たされない場合も作成のこと)
P1_2_XX_47_A(I,J,K) = P1_2_XX_47(O,K)
P1_2_V_47_A(I,J,K) = P1_2_V_47(O,K)
P1_2_L_47_A(I,J,K) = P1_2_L_47(O,K)
next K

```

```

P1_IMFDE_47(I,J) = P1_1
P1_IMFDEXHE_47(I,J) = P1_2
next J

```

```

print #2, "輸入内生モデル_国内生産額_政策対象産業="; CODENAME_47X$(I)
calls "MATRIXOUT", 2,P1_1_XX_47(O),P1_SIZE, SIZE_47,P1_STEP_CODE$(O),CODENAME_47X$(O)
print #2, "輸入内生モデル_付加価値額_政策対象産業="; CODENAME_47X$(I)
calls "MATRIXOUT", 2,P1_1_V_47(O),P1_SIZE, SIZE_47,P1_STEP_CODE$(O),CODENAME_47X$(O)
print #2, "輸入内生モデル_労働人口_政策対象産業="; CODENAME_47X$(I)
calls "MATRIXOUT", 2,P1_1_L_47(O),P1_SIZE, SIZE_47,P1_STEP_CODE$(O),CODENAME_47X$(O)
print #2

```

```

print #2, "輸入・家計消費内生モデル_国内生産額_政策対象産業="; CODENAME_47X$(I)
calls "MATRIXOUT", 2,P1_2_XX_47(O),P1_SIZE, SIZE_47,P1_STEP_CODE$(O),CODENAME_47X$(O)
print #2, "輸入・家計消費内生モデル_付加価値額_政策対象産業="; CODENAME_47X$(I)
calls "MATRIXOUT", 2,P1_2_V_47(O),P1_SIZE, SIZE_47,P1_STEP_CODE$(O),CODENAME_47X$(O)
print #2, "輸入・家計消費内生モデル_労働人口_政策対象産業="; CODENAME_47X$(I)
calls "MATRIXOUT", 2,P1_2_L_47(O),P1_SIZE, SIZE_47,P1_STEP_CODE$(O),CODENAME_47X$(O)
print #2

```

```

next I
close #2

```

```

open "SEISAKU_2_SUM.csv" for create as #2
for I=1 to SIZE_47
  for J=1 to P1_SIZE
    P1_1_XX_47_A_SUM(J,I)=0

```



```

*****
政策シミュレーション2 START
*****

```

```

dim P1_1_L_47_B_SUM(P1_SIZE,SIZE_47,SIZE_IND_EXTENDED) as long
dim P1_2_L_47_B_SUM(P1_SIZE,SIZE_47,SIZE_IND_EXTENDED) as long

```

```

'政策シナリオ1
for I=1 to SIZE_47
for J=1 to P1_SIZE

```

```

for K=1 to 19
P1_1_L_47_B_SUM(J,I,K)=0
next K
for K=1 to SIZE_47

```

```

if K=1
then P1_1_L_47_B_SUM(J,I,4) = P1_1_L_47_B_SUM(J,I,4) + P1_1_L_47_A(I,J,K)
'print,"P1_1_L_47_B_SUM(",J,",",I,",",4) =",P1_1_L_47_B_SUM(J,I,4)
if K=2
then P1_1_L_47_B_SUM(J,I,5) = P1_1_L_47_B_SUM(J,I,5) + P1_1_L_47_A(I,J,K)
'5)林業
if K=3
then P1_1_L_47_B_SUM(J,I,6) = P1_1_L_47_B_SUM(J,I,6) + P1_1_L_47_A(I,J,K)
'6)漁業
if K=4
then P1_1_L_47_B_SUM(J,I,8) = P1_1_L_47_B_SUM(J,I,8) + P1_1_L_47_A(I,J,K)
'8)鉱業
if K=21
then P1_1_L_47_B_SUM(J,I,9) = P1_1_L_47_B_SUM(J,I,9) + P1_1_L_47_A(I,J,K)
'9)建設業
if (K>=5) and (K<20)
then P1_1_L_47_B_SUM(J,I,10) = P1_1_L_47_B_SUM(J,I,10) + P1_1_L_47_A(I,J,K)
'10)製造業
if (K=22) or (K=23)
then P1_1_L_47_B_SUM(J,I,12) = P1_1_L_47_B_SUM(J,I,12) + P1_1_L_47_A(I,J,K)
'12)電気・ガス・熱供給・水道業
if (K>=29) and (K<31)
then P1_1_L_47_B_SUM(J,I,13) = P1_1_L_47_B_SUM(J,I,13) + P1_1_L_47_A(I,J,K)
'13)運輸・通信業
if K=25
then P1_1_L_47_B_SUM(J,I,13) = P1_1_L_47_B_SUM(J,I,13) + P1_1_L_47_A(I,J,K)
'13)運輸・通信業_事務用品・梱包
if (K=27) or (K=28) or (K=38)
then P1_1_L_47_B_SUM(J,I,14) = P1_1_L_47_B_SUM(J,I,14) + P1_1_L_47_A(I,J,K)
'14)卸売・小売業・飲食店
if K=32
then P1_1_L_47_B_SUM(J,I,15) = P1_1_L_47_B_SUM(J,I,15) + P1_1_L_47_A(I,J,K)
'15)金融・保険業
if K=33
then P1_1_L_47_B_SUM(J,I,16) = P1_1_L_47_B_SUM(J,I,16) + P1_1_L_47_A(I,J,K)
'16)不動産業
if K=24
then P1_1_L_47_B_SUM(J,I,17) = P1_1_L_47_B_SUM(J,I,17) + P1_1_L_47_A(I,J,K)
'17)サービス
if ((K>=41) and (K<49))
then P1_1_L_47_B_SUM(J,I,17) = P1_1_L_47_B_SUM(J,I,17) + P1_1_L_47_A(I,J,K)
'17)サービス
if ((K>=34) and (K<37))
then P1_1_L_47_B_SUM(J,I,17) = P1_1_L_47_B_SUM(J,I,17) + P1_1_L_47_A(I,J,K)
'17)サービス
if K=39
then P1_1_L_47_B_SUM(J,I,17) = P1_1_L_47_B_SUM(J,I,17) + P1_1_L_47_A(I,J,K)
'17)サービス

```

```

:'(J,I,L) (I,J,K) I プラス再配分先産業、J 政策段階、K統合前産業別、L統合後産業別

```

```

:'Bは統合後の産業分類 (人口動態統計) ごとの政策効果 (労働人口) をみる

```

```

if K=40      then P1_1_L_47_B_SUM(J,I,18) = P1_1_L_47_B_SUM(J,I,18) + P1_1_L_47_A(I,J,K)      :'18)公務
if K=26      then P1_1_L_47_B_SUM(J,I,19) = P1_1_L_47_B_SUM(J,I,19) + P1_1_L_47_A(I,J,K)      :'19)分類不明
next K
P1_1_L_47_B_SUM(J,I,3) = P1_1_L_47_B_SUM(J,I,4) + P1_1_L_47_B_SUM(J,I,5) + P1_1_L_47_B_SUM(J,I,6)      :'第1次産業
P1_1_L_47_B_SUM(J,I,7) = P1_1_L_47_B_SUM(J,I,8) + P1_1_L_47_B_SUM(J,I,9) + P1_1_L_47_B_SUM(J,I,10)      :'第2次産業
P1_1_L_47_B_SUM(J,I,11) = P1_1_L_47_B_SUM(J,I,12) + P1_1_L_47_B_SUM(J,I,13) + P1_1_L_47_B_SUM(J,I,14) + P1_1_L_47_B_SUM(J,I,15) +
P1_1_L_47_B_SUM(J,I,16) + P1_1_L_47_B_SUM(J,I,17)
P1_1_L_47_B_SUM(J,I,2)
= P1_1_L_47_B_SUM(J,I,3) + P1_1_L_47_B_SUM(J,I,7) + P1_1_L_47_B_SUM(J,I,11) + P1_1_L_47_B_SUM(J,I,19)
P1_1_L_47_B_SUM(J,I,21) = P1_1_L_47_B_SUM(J,I,3)      :'補正前第1次産業
P1_1_L_47_B_SUM(J,I,27) = P1_1_L_47_B_SUM(J,I,3)      :'補正後第1次産業
P1_1_L_47_B_SUM(J,I,22) = P1_1_L_47_B_SUM(J,I,7)      :'補正前第2次産業
P1_1_L_47_B_SUM(J,I,28) = P1_1_L_47_B_SUM(J,I,7)      :'補正後第2次産業
P1_1_L_47_B_SUM(J,I,23) = P1_1_L_47_B_SUM(J,I,12) + P1_1_L_47_B_SUM(J,I,13)
P1_1_L_47_B_SUM(J,I,29) = P1_1_L_47_B_SUM(J,I,12) + P1_1_L_47_B_SUM(J,I,13)
P1_1_L_47_B_SUM(J,I,24) = P1_1_L_47_B_SUM(J,I,14) + P1_1_L_47_B_SUM(J,I,15) + P1_1_L_47_B_SUM(J,I,16) + P1_1_L_47_B_SUM(J,I,17)
P1_1_L_47_B_SUM(J,I,30) = P1_1_L_47_B_SUM(J,I,14) + P1_1_L_47_B_SUM(J,I,15) + P1_1_L_47_B_SUM(J,I,16) + P1_1_L_47_B_SUM(J,I,17)
P1_1_L_47_B_SUM(J,I,25) = P1_1_L_47_B_SUM(J,I,19)      :'補正後第3次産業 (第2類)
P1_1_L_47_B_SUM(J,I,31) = P1_1_L_47_B_SUM(J,I,19)      :'補正前分類不明
P1_1_L_47_B_SUM(J,I,31) = P1_1_L_47_B_SUM(J,I,19)      :'補正前分類不明

```

```

next I
next J

```

```

'政策シナリオ2
for I=1 to SIZE_47

```

```

for J=1 to P1_SIZE

```

```

for K=1 to 19

```

```

P1_2_L_47_B_SUM(J,I,K)=0

```

```

next K

```

```

for K=1 to SIZE_47

```

```

if K=1

```

```

if K=2

```

```

if K=3

```

```

if K=4

```

```

if K=21

```

```

if (K=5) and (K=<20)

```

```

if (K=22) or (K=23)

```

```

then P1_2_L_47_B_SUM(J,I,12) = P1_2_L_47_B_SUM(J,I,12) + P1_2_L_47_A(I,J,K)

```

```

then P1_2_L_47_B_SUM(J,I,4) = P1_2_L_47_B_SUM(J,I,4) + P1_2_L_47_A(I,J,K)

```

```

then P1_2_L_47_B_SUM(J,I,5) = P1_2_L_47_B_SUM(J,I,5) + P1_2_L_47_A(I,J,K)

```

```

then P1_2_L_47_B_SUM(J,I,6) = P1_2_L_47_B_SUM(J,I,6) + P1_2_L_47_A(I,J,K)

```

```

then P1_2_L_47_B_SUM(J,I,8) = P1_2_L_47_B_SUM(J,I,8) + P1_2_L_47_A(I,J,K)

```

```

then P1_2_L_47_B_SUM(J,I,9) = P1_2_L_47_B_SUM(J,I,9) + P1_2_L_47_A(I,J,K)

```

```

then P1_2_L_47_B_SUM(J,I,10) = P1_2_L_47_B_SUM(J,I,10) + P1_2_L_47_A(I,J,K)

```

```

then P1_2_L_47_B_SUM(J,I,12) = P1_2_L_47_B_SUM(J,I,12) + P1_2_L_47_A(I,J,K)

```

```

then P1_2_L_47_B_SUM(J,I,15) = P1_2_L_47_B_SUM(J,I,15) + P1_2_L_47_A(I,J,K)

```

```

then P1_2_L_47_B_SUM(J,I,16) = P1_2_L_47_B_SUM(J,I,16) + P1_2_L_47_A(I,J,K)

```

```

then P1_2_L_47_B_SUM(J,I,17) = P1_2_L_47_B_SUM(J,I,17) + P1_2_L_47_A(I,J,K)

```

```

:'(J,I,L) (I,J,K) I プラス再配分先産業、J 政策段階、K 統合前産業別、L 統合後産業別

```

```

:' 4)農業
:' 5)林業
:' 6)漁業
:' 8)鉱業
:' 9)建設業

```

```

:'10)製造業

```

```

:12)電気・ガス・熱供給・水道業
:13)運輸・通信業
:14)卸売・小売業・飲食店
:15)金融・保険業
:16)不動産業
:17)サービス
:18)公務
:19)分類不明

if (K>=29) and (K<=31) then P1_2_L_47_B_SUM(J,I,13) = P1_2_L_47_B_SUM(J,I,13) + P1_2_L_47_A(I,J,K)
if K=25 then P1_2_L_47_B_SUM(J,I,13) = P1_2_L_47_B_SUM(J,I,13) + P1_2_L_47_A(I,J,K)
if (K=27) or (K=28) or (K=38) then P1_2_L_47_B_SUM(J,I,14) = P1_2_L_47_B_SUM(J,I,14) + P1_2_L_47_A(I,J,K)
if K=32 then P1_2_L_47_B_SUM(J,I,15) = P1_2_L_47_B_SUM(J,I,15) + P1_2_L_47_A(I,J,K)
if K=33 then P1_2_L_47_B_SUM(J,I,16) = P1_2_L_47_B_SUM(J,I,16) + P1_2_L_47_A(I,J,K)
if K=24 then P1_2_L_47_B_SUM(J,I,17) = P1_2_L_47_B_SUM(J,I,17) + P1_2_L_47_A(I,J,K)
if ((K>=41) and (K<=49)) then P1_2_L_47_B_SUM(J,I,17) = P1_2_L_47_B_SUM(J,I,17) + P1_2_L_47_A(I,J,K)
if ((K>=34) and (K<=37)) then P1_2_L_47_B_SUM(J,I,17) = P1_2_L_47_B_SUM(J,I,17) + P1_2_L_47_A(I,J,K)
if K=39 then P1_2_L_47_B_SUM(J,I,17) = P1_2_L_47_B_SUM(J,I,17) + P1_2_L_47_A(I,J,K)
if K=40 then P1_2_L_47_B_SUM(J,I,18) = P1_2_L_47_B_SUM(J,I,18) + P1_2_L_47_A(I,J,K)
if K=26 then P1_2_L_47_B_SUM(J,I,19) = P1_2_L_47_B_SUM(J,I,19) + P1_2_L_47_A(I,J,K)

next K
P1_2_L_47_B_SUM(J,I,3) = P1_2_L_47_B_SUM(J,I,4) + P1_2_L_47_B_SUM(J,I,5) + P1_2_L_47_B_SUM(J,I,6)
P1_2_L_47_B_SUM(J,I,7) = P1_2_L_47_B_SUM(J,I,8) + P1_2_L_47_B_SUM(J,I,9) + P1_2_L_47_B_SUM(J,I,10)
P1_2_L_47_B_SUM(J,I,11) = P1_2_L_47_B_SUM(J,I,12) + P1_2_L_47_B_SUM(J,I,13) + P1_2_L_47_B_SUM(J,I,14) + P1_2_L_47_B_SUM(J,I,15) +
P1_2_L_47_B_SUM(J,I,16) + P1_2_L_47_B_SUM(J,I,17)

P1_2_L_47_B_SUM(J,I,2) = P1_2_L_47_B_SUM(J,I,3) + P1_2_L_47_B_SUM(J,I,7) + P1_2_L_47_B_SUM(J,I,11) + P1_2_L_47_B_SUM(J,I,19)

P1_2_L_47_B_SUM(J,I,21) = P1_2_L_47_B_SUM(J,I,21) + P1_2_L_47_B_SUM(J,I,21)
P1_2_L_47_B_SUM(J,I,27) = P1_2_L_47_B_SUM(J,I,27) + P1_2_L_47_B_SUM(J,I,27)
P1_2_L_47_B_SUM(J,I,22) = P1_2_L_47_B_SUM(J,I,22) + P1_2_L_47_B_SUM(J,I,22)
P1_2_L_47_B_SUM(J,I,28) = P1_2_L_47_B_SUM(J,I,28) + P1_2_L_47_B_SUM(J,I,28)
P1_2_L_47_B_SUM(J,I,23) = P1_2_L_47_B_SUM(J,I,23) + P1_2_L_47_B_SUM(J,I,23)
P1_2_L_47_B_SUM(J,I,29) = P1_2_L_47_B_SUM(J,I,29) + P1_2_L_47_B_SUM(J,I,29)
P1_2_L_47_B_SUM(J,I,24) = P1_2_L_47_B_SUM(J,I,24) + P1_2_L_47_B_SUM(J,I,24) + P1_2_L_47_B_SUM(J,I,16) + P1_2_L_47_B_SUM(J,I,17)
P1_2_L_47_B_SUM(J,I,30) = P1_2_L_47_B_SUM(J,I,30) + P1_2_L_47_B_SUM(J,I,16) + P1_2_L_47_B_SUM(J,I,17)
P1_2_L_47_B_SUM(J,I,25) = P1_2_L_47_B_SUM(J,I,25) + P1_2_L_47_B_SUM(J,I,19)
P1_2_L_47_B_SUM(J,I,31) = P1_2_L_47_B_SUM(J,I,31) + P1_2_L_47_B_SUM(J,I,19)

next J

```

```

next I

```

```

*****
政策シミュレーション2 END
*****

```

```

*****
政策シミュレーション3 STAT
*****

```

```

dim R(SIZE_IND_EXTENDED) as double
var RR as double
dim P1_1_LX_M(P1_SIZE,120) as double, P1_1_EX_M(P1_SIZE,120) as double
dim P1_1_LX_F(P1_SIZE,120) as double, P1_1_EX_F(P1_SIZE,120) as double
dim P1_2_LX_M(P1_SIZE,120) as double, P1_2_EX_M(P1_SIZE,120) as double
dim P1_2_LX_F(P1_SIZE,120) as double, P1_2_EX_F(P1_SIZE,120) as double
dim HENKAN_I(P1_SIZE,120) as long

open "SEISAKU3.csv" for create as #2
for I=1 to SIZE_47
  for J=1 to P1_SIZE
    for K=2 to 19
      R(K) = P1_1_L_47_B_SUM(J,I,K)
      :プラス再配分先産業 (両宮澤分類)
      :政策段階
      :産業別 (人口動態統計)
      :雇用
    next K
    R(20) = POP_M(20,1)-(P1_1_L_47_A_SUM(J,I)-P1_1_L_47_A_SUM(1,I))
    RR = R(4)+R(5)+R(6)+R(8)+R(9)+R(10)+R(12)+R(13)+R(14)+R(15)+R(16)+R(17)+R(18)+R(19)+R(20)
    for K=2 to 20
      R(K)=R(K)/RR
    next K
    for K=0 to 119
      :年齢
      P1_1_LX_M(J,K)=LX_M(4,K)*R(4)+LX_M(5,K)*R(5)+LX_M(6,K)*R(6)
      P1_1_LX_M(J,K)=P1_1_LX_M(J,K)+LX_M(8,K)*R(8)+LX_M(9,K)*R(9)+LX_M(10,K)*R(10)
      P1_1_LX_M(J,K)=P1_1_LX_M(J,K)+LX_M(12,K)*R(12)+LX_M(13,K)*R(13)+LX_M(14,K)*R(14)+LX_M(15,K)*R(15)+LX_M(16,K)*R(16)+LX_M(17,K)*R(17)+LX_M(18,K)*R(18)+LX_M(19,K)*R(19)+LX_M(20,K)*R(20)
      P1_1_EX_M(J,K)=EX_M(4,K)*R(4)+EX_M(5,K)*R(5)+EX_M(6,K)*R(6)
      P1_1_EX_M(J,K)=P1_1_EX_M(J,K)+EX_M(8,K)*R(8)+EX_M(9,K)*R(9)+EX_M(10,K)*R(10)
      P1_1_EX_M(J,K)=P1_1_EX_M(J,K)+EX_M(12,K)*R(12)+EX_M(13,K)*R(13)+EX_M(14,K)*R(14)+EX_M(15,K)*R(15)+EX_M(16,K)*R(16)+EX_M(17,K)*R(17)+EX_M(18,K)*R(18)+EX_M(19,K)*R(19)+EX_M(20,K)*R(20)
    next K

```

```

next J
for J=1 to P1_SIZE
  for K=0 to 119
    HENKAN_I(J,K)=P1_1_LX_M(J,K)
    P1_1_LX_M(J,K)=HENKAN_I(J,K)
  next K
next J
print #2, "輸入内生化モデル_労働人口_政策対象産業="; CODENAME_47X$(I)
calls "MATRIXOUTX", 2,P1_1_LX_M(),P1_SIZE,120,1,0,P1_STEP_CODE$(0),CODE_NENREI$(0)
print #2, "輸入内生化モデル_労働人口_政策対象産業="; CODENAME_47X$(I)
calls "MATRIXOUTX", 2,P1_1_EX_M(),P1_SIZE,120,1,0,P1_STEP_CODE$(0),CODE_NENREI$(0)
next I

for I=1 to SIZE_47
  for J=1 to P1_SIZE
    for K=2 to 19
      R(K) = P1_1_L_47_B_SUM(J,I,K)
      !'プラス再配分先産業 (雇調整分類)
      !'政策段階
      !'産業別 (人口動態統計)
      !'雇用
    next K
    R(20) = POP_F(20,1)-(P1_1_L_47_A_SUM(J,I)-P1_1_L_47_A_SUM(1,I))
    RR= R(4)+R(5)+R(6)+R(8)+R(9)+R(10)+R(12)+R(13)+R(14)+R(15)+R(16)+R(17)+R(18)+R(19)+R(20)
    for K=2 to 20
      R(K)=R(K)/RR
    next K
    for K=0 to 119
      !'年齢
      P1_1_LX_F(J,K)=LX_F(4,K)*R(4)+LX_F(5,K)*R(5)+LX_F(6,K)*R(6)
      P1_1_LX_F(J,K)=P1_1_LX_F(J,K)+LX_F(8,K)*R(8)+LX_F(9,K)*R(9)+LX_F(10,K)*R(10)
      P1_1_LX_F(J,K)=P1_1_LX_F(J,K)+LX_F(12,K)*R(12)+LX_F(13,K)*R(13)+LX_F(14,K)*R(14)+LX_F(15,K)*R(15)+LX_F(16,K)*R(16)+LX_F(17,K)*R(17)+LX_F(18,K)*R
      (18)+LX_F(19,K)*R(19)+LX_F(20,K)*R(20)
      P1_1_EX_F(J,K)=EX_F(4,K)*R(4)+EX_F(5,K)*R(5)+EX_F(6,K)*R(6)
      P1_1_EX_F(J,K)=P1_1_EX_F(J,K)+EX_F(8,K)*R(8)+EX_F(9,K)*R(9)+EX_F(10,K)*R(10)
      P1_1_EX_F(J,K)=P1_1_EX_F(J,K)+EX_F(12,K)*R(12)+EX_F(13,K)*R(13)+EX_F(14,K)*R(14)+EX_F(15,K)*R(15)+EX_F(16,K)*R(16)+EX_F(17,K)*R(17)+EX_F(18,K)*R
      (18)+EX_F(19,K)*R(19)+EX_F(20,K)*R(20)
    next K
  next J
for J=1 to P1_SIZE
  for K=0 to 119
    HENKAN_I(J,K)=P1_1_LX_F(J,K)
    P1_1_LX_F(J,K)=HENKAN_I(J,K)
  next K

```

```

next J
print #2, "輸入内生モデル_労働人口_政策対象産業="; CODENAME_47X$(I)
calls "MATRIXOUTX", 2,P1_1_LX_F0,P1_SIZE, 120,1,0,P1_STEP_CODE$(0),CODE_NENREI$(0)
print #2, "輸入内生モデル_労働人口_政策対象産業="; CODENAME_47X$(I)
calls "MATRIXOUTX", 2,P1_1_EX_F0,P1_SIZE, 120,1,0,P1_STEP_CODE$(0),CODE_NENREI$(0)

next I
close #2

open "SEISAKU4.csv" for create as #2
print #2, "男性"
for I=1 to SIZE_47
  for J=1 to P1_SIZE
    for K=2 to 19
      R(K) = P1_2_L_47_B_SUM(J,I,K)
      next K
      R(20) = POP_M(20,1)-(P1_2_L_47_A_SUM(J,I)-P1_2_L_47_A_SUM(1,I))
      RR= R(4)+R(5)+R(6)+R(8)+R(9)+R(10)+R(12)+R(13)+R(14)+R(15)+R(16)+R(17)+R(18)+R(19)+R(20)
      for K=2 to 20
        R(K)=R(K)/RR
        next K
        for K=0 to 119
          P1_2_LX_M(J,K)=LX_M(4,K)*R(4)+LX_M(5,K)*R(5)+LX_M(6,K)*R(6)
          P1_2_LX_M(J,K)=P1_2_LX_M(J,K)+LX_M(8,K)*R(8)+LX_M(9,K)*R(9)+LX_M(10,K)*R(10)
          P1_2_LX_M(J,K)=P1_2_LX_M(J,K)+LX_M(12,K)*R(12)+LX_M(13,K)*R(13)+LX_M(14,K)*R(14)+LX_M(15,K)*R(15)+LX_M(16,K)*R(16)+LX_M(17,K)*R(17)+LX_M(18,
          K)*R(18)+LX_M(19,K)*R(19)+LX_M(20,K)*R(20)
          P1_2_EX_M(J,K)=EX_M(4,K)*R(4)+EX_M(5,K)*R(5)+EX_M(6,K)*R(6)
          P1_2_EX_M(J,K)=P1_2_EX_M(J,K)+EX_M(8,K)*R(8)+EX_M(9,K)*R(9)+EX_M(10,K)*R(10)
          P1_2_EX_M(J,K)=P1_2_EX_M(J,K)+EX_M(12,K)*R(12)+EX_M(13,K)*R(13)+EX_M(14,K)*R(14)+EX_M(15,K)*R(15)+EX_M(16,K)*R(16)+EX_M(17,K)*R(17)+EX_M(18
          ,K)*R(18)+EX_M(19,K)*R(19)+EX_M(20,K)*R(20)
          next J
          for J=1 to P1_SIZE
            for K=0 to 119
              HENKAN_I(J,K)=P1_2_LX_M(J,K)
              P1_2_LX_M(J,K)=HENKAN_I(J,K)
              next K
              next J
              print #2, "輸入・家計消費内生モデル_労働人口_政策対象産業="; CODENAME_47X$(I)

```

```

calls "MATRIXOUTX", 2, P1_2_LX_M(0), P1_SIZE, 120, 1, 0, P1_STEP_CODE$(0), CODE_NENREI$(0)
print #2, "輸入・家計消費内生化モデル_労働人口_政策対象産業="; CODENAME_47X$(1)
calls "MATRIXOUTX", 2, P1_2_EX_M(0), P1_SIZE, 120, 1, 0, P1_STEP_CODE$(0), CODE_NENREI$(0)

```

```
next I
```

```
for J=1 to SIZE_47
```

```
for J=1 to P1_SIZE
```

```
for K=2 to 19
```

```
:'プラス再配分先産業 (雇宮簿分類)
```

```
:'政策段階
```

```
:'産業別 (人口動態統計)
```

```
'print, "P1_2_L_47_B_SUM(1," I, ",", K, ")="; P1_2_L_47_B_SUM(1,I,K)
```

```
R(K) = P1_2_L_47_B_SUM(J,I,K)
```

```
:'雇用
```

```
next K
```

```
R(20) = POP_M(20,1)-(P1_2_L_47_A_SUM(J,I)-P1_2_L_47_A_SUM(1,I))
```

```
RR = R(4)+R(5)+R(6)+R(8)+R(9)+R(10)+R(12)+R(13)+R(14)+R(15)+R(16)+R(17)+R(18)+R(19)+R(20)
```

```
for K=2 to 20
```

```
R(K)=R(K)/RR
```

```
next K
```

```
for K=0 to 119
```

```
:'年齢
```

```
P1_2_LX_M(J,K)=LX_M(4,K)*R(4)+LX_M(5,K)*R(5)+LX_M(6,K)*R(6)
```

```
P1_2_LX_M(J,K)=P1_2_LX_M(J,K)+LX_M(8,K)*R(8)+LX_M(9,K)*R(9)+LX_M(10,K)*R(10)
```

```
P1_2_LX_M(J,K)=P1_2_LX_M(J,K)+LX_M(12,K)*R(12)+LX_M(13,K)*R(13)+LX_M(14,K)*R(14)+LX_M(15,K)*R(15)+LX_M(16,K)*R(16)+LX_M(17,K)*R(17)+LX_M(18,K)*R(18)+LX_M(19,K)*R(19)+LX_M(20,K)*R(20)
```

```
P1_2_EX_M(J,K)=EX_M(4,K)*R(4)+EX_M(5,K)*R(5)+EX_M(6,K)*R(6)
```

```
P1_2_EX_M(J,K)=P1_2_EX_M(J,K)+EX_M(8,K)*R(8)+EX_M(9,K)*R(9)+EX_M(10,K)*R(10)
```

```
P1_2_EX_M(J,K)=P1_2_EX_M(J,K)+EX_M(12,K)*R(12)+EX_M(13,K)*R(13)+EX_M(14,K)*R(14)+EX_M(15,K)*R(15)+EX_M(16,K)*R(16)+EX_M(17,K)*R(17)+EX_M(18,K)*R(18)+EX_M(19,K)*R(19)+EX_M(20,K)*R(20)
```

```
next K
```

```
next J
```

```
for J=1 to P1_SIZE
```

```
for K=0 to 119
```

```
HENKAN_I(J,K)=P1_2_LX_M(J,K)
```

```
P1_2_LX_M(J,K)=HENKAN_I(J,K)
```

```
next K
```

```
next J
```

```
print #2, " (要約) 輸入・家計消費内生化モデル_労働人口LX_政策対象産業="; CODENAME_47X$(1), ",", P1_2_LX_M(11,64)-P1_2_LX_M(1,64),
```

```
next I
```

```
for I=1 to SIZE_47
```

```
for J=1 to P1_SIZE
```

```
for K=2 to 19
```

```
:'プラス再配分先産業 (雇宮簿分類)
```

```
:'政策段階
```

```
:'産業別 (人口動態統計)
```

```
'print, "P1_2_L_47_B_SUM(1," I, ",", K, ")="; P1_2_L_47_B_SUM(1,I,K)
```

```

R(K) = P1_2_L_47_B_SUM(J,I,K)
                                :'雇用
next K
R(20) = POP_M(20,1)-(P1_2_L_47_A_SUM(J,I)-P1_2_L_47_A_SUM(1,1))
RR= R(4)+R(5)+R(6)+R(8)+R(9)+R(10)+R(12)+R(13)+R(14)+R(15)+R(16)+R(17)+R(18)+R(19)+R(20)
for K=2 to 20
  R(K)=R(K)/RR
next K

for K=0 to 119
  :'年齢
  P1_2_LX_M(J,K)=LX_M(4,K)*R(4)+LX_M(5,K)*R(5)+LX_M(6,K)*R(6)
  P1_2_LX_M(J,K)=P1_2_LX_M(J,K)+LX_M(8,K)*R(8)+LX_M(9,K)*R(9)+LX_M(10,K)*R(10)

  P1_2_LX_M(J,K)=P1_2_LX_M(J,K)+LX_M(12,K)*R(12)+LX_M(13,K)*R(13)+LX_M(14,K)*R(14)+LX_M(15,K)*R(15)+LX_M(16,K)*R(16)+LX_M(17,K)*R(17)+LX_M(18,
K)*R(18)+LX_M(19,K)*R(19)+LX_M(20,K)*R(20)

  P1_2_EX_M(J,K)=EX_M(4,K)*R(4)+EX_M(5,K)*R(5)+EX_M(6,K)*R(6)
  P1_2_EX_M(J,K)=P1_2_EX_M(J,K)+EX_M(8,K)*R(8)+EX_M(9,K)*R(9)+EX_M(10,K)*R(10)

  P1_2_EX_M(J,K)=P1_2_EX_M(J,K)+EX_M(12,K)*R(12)+EX_M(13,K)*R(13)+EX_M(14,K)*R(14)+EX_M(15,K)*R(15)+EX_M(16,K)*R(16)+EX_M(17,K)*R(17)+EX_M(18
,K)*R(18)+EX_M(19,K)*R(19)+EX_M(20,K)*R(20)
next K

next J
for J=1 to P1_SIZE
  for K=0 to 119
    HENKAN_I(J,K)=P1_2_LX_M(J,K)
    P1_2_LX_M(J,K)=HENKAN_I(J,K)
  next K
next J
print #2, "
print #2, " (要約) 輸入・家計消費内生化モデル_労働人口Ex_政策対象産業="; CODENAME_47X$(I),",", P1_2_EX_M(1,15),",", P1_2_EX_M(11,15),
next I

print #2, "
print #2, "女性"
for I=1 to SIZE_47
  for J=1 to P1_SIZE
    for K=2 to 19
      R(K) = P1_2_L_47_B_SUM(J,I,K)
    next K
  R(20) = POP_F(20,1)-(P1_2_L_47_A_SUM(J,I)-P1_2_L_47_A_SUM(1,1))

```